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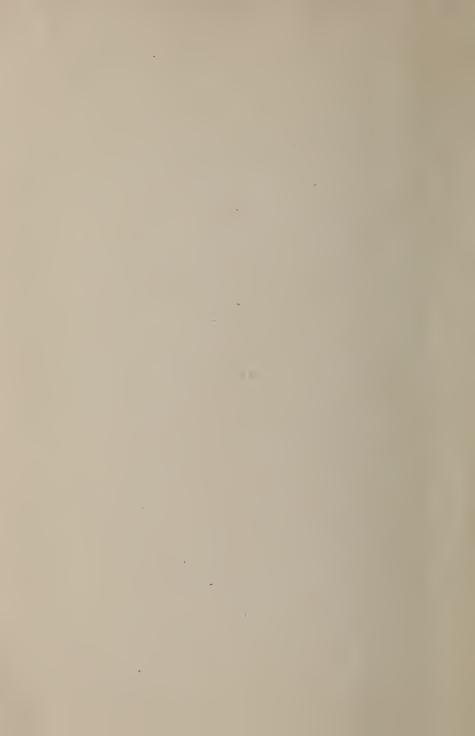
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SEVENTIETH YEAR BOOK
For the Year 1937

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

New York City

COUNTRY BRANCH White Plains, New York



# SEVENTIETH YEAR BOOK FOR THE YEAR 1937

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

420 East 59th Street, New York City

COUNTRY BRANCH White Plains, New York



## CONTENTS

P	PAGE
Board of Trustees and Officers	5
Trustees' Standing Committees	6
Board of Supervisors and Officers	7
Supervisors' Standing Committees	8
Medical Staff	9
Consulting Staff	11
Medical Staff, Country Branch	12
Executive Staff	13
Executive Staff, Country Branch	14
Report of President	15
Report of Board of Supervisors	18
Report of Surgeon-in-Chief	20
Table I. Summary of New and Old Cases	26
Table II. Dispensary Report	29
Table III. Instrument Report	30
Table IV. Hospital Report	31
Table V. Report of Operations	34
Table VI. Summary of Cases, Country Branch	35
Table VII. Pathological Laboratory Report	39
Table VIII. Department of Roentgenology, Report of Dispensary and Hospital	41
Table IX. Department of Roentgenology, Report of Country Branch	41
Table X. Dental Department,  Report of Dispensary and Hospital	42
Table XI. Dental Department.	
Report of Country Branch	42
Report of Superintendent	43
Auditors' Report	45
Report of Treasurer	46
Endowed Beds in Perpetuity	49
Endowed Rooms in Perpetuity	52
Beds Endowed Yearly	52
Report of Orthopaedic Hospital Red Cross Unit	53
Report of Junior Guild	54
Form of Certificate to Donor of Endowed Bed	58
Form of Bequest	59
Interne Service	60
Annie C. Kane Fellowships	60







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Assistant Attending Surgeons
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LEONIDAS A. LANTZOUNIS, M.D.
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M. BECKETT HOWORTH, M.D.
WILLIAM H. VON LACKUM, M.D.
MALCOLM B. COUTTS, M.D.

Attending Physician
GEORGE M. GOODWIN, M.D.

# Department of Roentgenology

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ALBERT B. FERGUSON, M.D.

Pathologist
WALKER E. SWIFT, M.D.

# Department of Dentistry

Director
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Dental Surgeons NORMAN W. BOYD, D.D.S. GEORGE H. HENRICHSON, D.D.S.

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FELIX L. BUTTE, M.D.
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Plastic Surgery

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COUNTRY BRANCH-WHITE PLAINS, N. Y.

#### REPORT OF THE PRESIDENT

To the Board of Trustees and the Board of Supervisors of the New York Orthopaedic Dispensary and Hospital

#### LADIES AND GENTLEMEN:

The year now closing has not been marked by any unusual events in the steady, normal progress of the hospital. A change however in the patronage of the dispensary is to be noted. In the annual report for 1936 mention was made of a falling off in the number of visits to the dispensary, for which there seemed to be no ready explanation. This tendency, mentioned then, has been reversed and the number of visits to the dispensary has materially increased, a gratifying condition.

The hospital in New York and the Country Branch in White Plains have been normally full throughout the year. The turnover has been regular and no patients have been unduly delayed in seeking relief through operation and

treatment.

The Private Pavilion has had more occupants than ever before, and during part of the summer all four floors were needed to accommodate the patients.

The high standards established by this institution in the orthopaedic field have been maintained and the professional attainments of the Staff have been widely recognized. Doctors Farrell and Smith continue to hold the chairs of Professor and Associate Professor of Orthopaedic Surgery at the College of Physicians and Surgeons, Columbia University; and the degree of Doctor of Medical Science has been granted to those Kane Fellows who have qualified under the terms required by the University.

The members of the Staff are alive to the opportunities for research and for original work. The number and diversity of the papers offered and published by the Staff are set out in detail in the Annual Report of the Surgeon-in-Chief and should be noted with interest.

On the financial side the year has been gratifying. The budget, carefully prepared at the beginning of the year, has not been exceeded, and the general income has increased in spite of a somewhat smaller gift by the United Hospital Fund.

During the year a careful study of the funds of the hospital was made by Messrs. Lybrand, Ross Brothers and Montgomery, to whom we are indebted for their painstaking and thorough work. The terms of all the gifts and bequests have been recorded and the endowment funds set up in different categories, showing to what extent these funds are restricted, partially restricted and unrestricted, both as to principal and income. A new form of accounting has been adopted and provision made for a reserve. The importance of this is obvious and it should provide, to some extent at least, for future structural needs and for the added costs which all hospitals will face if the eight hour day for nurses and hospital employees is generally adopted.

The Board of Trustees has suffered the loss by death of three of its members. Mr. Henry T. Sloane, an honorary trustee and formerly Vice-President; Mr. Frederic A. Juilliard, formerly Treasurer; and Mr. George B. Post. Although resolutions have been adopted and spread upon the minutes, it is proper in this report to record the sorrow felt by the trustees at the loss of these associates and friends.

Both hospitals continue to be rated in Class I as to plant and administration by the New York Department o Social Welfare. To the Staff, the Superintendent and the employees for faithful service, I express the thanks and appreciation of the Trustees and Supervisors.

May I add to this report a personal note?

This year completes my twentieth year as President. This service has been a pleasure and a privilege, having had at all times, I believe, the confidence and support of the Trustees.

Through our joint efforts the hospital has prospered, but its present strong financial position is due in large measure to the foresight of my predecessor, Mr. Eugene Delano, who was always insistent that no deficit be carried over from year to year. For several years the deficits in operation were met by underwritings by the Trustees and Supervisors. The result was that when the large bequests were received subsequently, they could all be used for endowment or for capital purposes and not have to be used for paying off debts.

The hospital plant and the unusual professional standards of the Staff are due primarily to the genius and personal-

ity of Dr. Russell A. Hibbs.

Thanks to these two men and to the unusual executive talent of Miss Root the task of the President on the administrative side and of Dr. Farrell on the professional side has been directive rather than creative.

The present is a suitable time for a change of administration and the nominating committee will present its report to that end, for I am now retiring as President.

There are no pressing or unusual problems facing the hospital, but if and when questions arise in respect of policies or methods, I am sure that they will be met intelligently and solved successfully by my successor, for whom I bespeak your loyal support.

Respectfully submitted,

Robert S. Brewster,

President.

# REPORT OF THE BOARD OF SUPERVISORS

To the Board of Trustees, New York Orthopaedic Dispensary and Hospital.

## GENTLEMEN:

The year 1937 has been an eventful one for the Board. It was the first year under our new president, Mrs. Whitehouse, who has shown the same talent for accomplishing much that her mother, Mrs. C. B. Alexander, did before her. There have also been two changes in the membership of the Board. Mrs. Alsop resigned as she felt that she lived too far from New York to take an active part in the work; then, much to our regret, Mrs. J. A. Murray also resigned. She has been a devoted member of the Board since 1900. The two new young members are Mrs. L. Stuyvesant Chanler, Jr. and Mrs. Kenneth S. Walker.

The hospital has been crowded during the past year, even the Private Patient Pavilion has been filled at times. Our friends have been both generous and interested, and to them we owe a large part of the visiting nurses' salaries and many other things. The Junior Guild and the Red Cross are faithful, as ever, and to them, too, we are most grateful. There were Thanksgiving dinners, Christmas trees and greens, and baskets, and a nurses' party, as usual. The hospital was gay and happy on these holidays.

The most outstanding event of the year was the surprise party given to celebrate twenty-five years of Miss Root's invaluable service to the hospital. The roof garden and seventh floor were charmingly decorated and a silver tea and coffee set was given by the hospital, Staff, the two Boards and employees. The nurses who were responsible for

the decorations and tea did themselves proud for everything was delightful, and the atmosphere of real affection, loyalty and admiration for Miss Root was inspiring.

So we close the year with thankful hearts and a fervent hope that 1938 may be as successful.

Respectfully submitted,

CORA OLIVER CHOATE,

Secretary.

### REPORT OF THE SURGEON-IN-CHIEF

To the Board of Trustees of the New York Orthopaedic Dispensary and Hospital.

#### GENTLEMEN:

There were 16,234 patients who visited our Dispensary during the year 1937, 10,337 of whom were new cases. Table I is a classification of the types of conditions which brought these cases to us.

Table II is the report of the Dispensary visits, there having been 94,008 visits in 1937.

Table III is the detailed report of the manufacture of instruments in the Brace Shop, 3,172 new instruments having been made and 3,353 having been repaired.

Table IV is the hospital report for the year 1937. It shows that 4 patients were discharged cured, 1,044 improved under treatment, 42 showed no improvement, 3 died, and 25 were transferred to other hospitals. It also records that 70 patients had tuberculous joints; 3 tuberculous bones; 62 had fractures, 12 being of the spine; there were 197 cases of nontuberculous deformities and developmental condition of the spine; and 384 cases of deformities and developmental conditions of the feet and legs.

Table V is the report of the operations performed in 1937, a total of 2,357; 1,368 patients were operated on.

CITY HOSPITAL: The number of patients in the hospital on January 1, 1937 was 96. The number admitted during the year was 1,079, 1,089 were discharged and 2 died, leaving 84 patients in the hospital on January 1, 1938. The average number in the wards each day was 95, and the average stay of each patient was 32 days. There were 24

waiting for beds at the end of the year. The number of patients treated was 1,175.

In the Private Pavilion 244 patients were treated during

the year 1937.

Table VIII shows that 10,410 patients were roentgenographed; 21,379 films were used.

COUNTRY BRANCH: The number of patients in the hospital at the beginning of 1937 was 143; 481 were admitted during the year, 471 were discharged and none died, leaving 153 in the hospital on January 1, 1938. The total number of patients treated was 624. The average number of patients per day was 165, and the average stay of each patient was 128 days.

Table IX shows that at the Country Branch 1,075 patients were roentgenographed and 1,466 films were used.

Table VII is a report of the Pathological Laboratory and applies to both hospitals. It shows that 8,625 examinations were made during the year and 2,865 patients were examined.

An advance has been made in the treatment of painful back conditions associated with sciatica, through cooperation with our consulting neurologist and neuro-surgeon. Many of these cases present combined orthopaedic and neurological conditions which can best be treated by the coordinated efforts of men trained in these two specialties, and during the past year this has resulted in many successes which otherwise might not have been achieved. Facts also have been discovered which have increased our knowledge of these conditions. In many other cases the fields of neurology and orthopaedic surgery overlap, and the cooperation of these specialists has increased the scope of our work.

Similar results have been achieved through the efforts of the consultants in plastic surgery. Conditions frequently

are encountered which combine orthopaedic problems, such as contracted joints, with extensive scars and soft part injuries, which are dealt with most skillfully by the plastic surgeon. It has been found more satisfactory to treat these patients in one hospital by the united efforts of both specialists, and some very gratifying results have thus been accomplished.

Inequality in the length of the lower extremities, resulting from poliomyelitis, tuberculosis and other conditions, is another problem which has received much attention from orthopaedic surgeons in recent years, and the method of lengthening the short leg by surgical procedure has been developed in other institutions. In this hospital the problem has been approached from another angle and the legs have been equalized in a number of cases by shortening the longer extremity. This is simpler and has been accepted as a more satisfactory procedure for most cases than the more complicated and dangerous leg lengthening.

The administrative department of the hospital has maintained its high degree of efficiency under the direction

of the superintendent.

The undergraduate teaching at the College of Physicians and Surgeons has continued with lectures to the third year class and clinical instruction to the fourth year class at the hospital. The members of the staff participate in the teaching of applied anatomy to third year students and several of the Fellows acted as volunteer instructors in the basic anatomy course during the past year. The Fellows are carried on the rolls of Columbia University as graduate students, candidates for the degree of Doctor of Medical Science. Doctors A. Gurney Kimberley and Frederick L. Liebolt received this degree in 1937.

Dr. Kimberley, who finished his fellowship on February 28, 1937, is the orthopedist with the Portland Clinic,

Portland, Oregon. Dr. James P. Cole completed his fellowship on June 30, 1937 and now is practicing in Buffalo, New York. Doctors McDowell Anderson, William B. MacCracken, Byron B. King and Edward G. Ewer were appointed Annie C. Kane Fellows. With the exception of Dr. Ewer these men previously were internes in this hospital. Dr. Ewer received his preliminary training in San Francisco, Edinburgh and Boston.

After finishing his interneship on October 31, 1937, Dr. Ronald S. Haines began the practice of orthopaedic surgery with the Lois Grunow Memorial Clinic in Phoenix, Arizona.

Publications of the Staff of the New York Orthopaedic Dispensary and Hospital During the Year 1937

Papers Published

- Butte, Felix L.: Navicular-cuneiform arthrodesis for flat-foot: an endresult study. J. Bone & Joint Surg., 1937, 19:496.
- Cole, James P.: A new type of knee hinge and cast for the correction of knee-flexion deformities. J. Bone & Joint Surg., 1937, 19:196.
- Cole, James P.: A study of Osgood-Schlatter disease. Surg. Gynec. & Obstet., 1937, 65:55.
- Cole, James P.: Dislocation and fracture-dislocation of lower servical vertebrae. Arch. Surg., 1937, 35:528.
- COUTTS, MALCOLM B.: Traumatic dislocation of the ankle without fracture: a case report. J. Bone & Joint Surg., 1937, 19:1110.
- Duncan, George A.: Skeletal and extraskeletal tuberculous lesions associated with joint tuberculosis. J. Bone & Joint Surg., 1937, 19:64.
- Duncan, George A.: Painful coccyx. Arch. Surg., 1937, 34:1088.
- FERGUSON, ALBERT B.: Roentgenology of tuberculosis of the joints. J. Bone & Joint Surg., 1937, 19:653.
- HALLOCK, HALFORD: The diagnosis and treatment of low back pain with sciatica. Surg. Clinics of North America, Feb. 1937, p. 251.
- KIMBERLEY, A. GURNEY: Low back pain and sciatica: its etiology, diagnosis and treatment. Surg. Gynec. & Obstet., 1937, 65:195.
- LIEBOLT, FREDERICK L.: Does operative fusion of tuberculous joints produce tuberculous meningitis? Arch. Surg., 1937, 35:1095.
- LIEBOLT, FREDERICK L.: Mortality in orthopaedic surgery: a 23-year report of the New York Orthopaedic Dispensary and Hospital. J. Bone & Joint Surg., 1937, 19:163.

- LIEBOLT, FREDERICK L.: The Montreal Neurological Institute. Quarterly of Phi Beta Pi Med. Fraternity, 1937, 34:73.
- SMITH, ALAN DEF.: Use of homologous bone grafts in cases of osteogenesis imperfecta. Arch. Surg., 1937, 34:687.
- SMITH, ALAN DEF.: Results of fasciotomy for the relief of sciatic pain. J. Bone & Joint Surg., 1937, 19:765.
- SMITH, ALAN DEF.: Russell A. Hibbs. Surg. Gynec. & Obstet., 1937, 64:1096.
- SMITH, ALAN DEF.: Correction of deformities of the lower extremity in poliomyelitis. Surg. Clinics of North America, Feb. 1937, p. 227.
- SMITH, ALAN DEF.: Differential diagnosis of conditions causing pain in the lower back. Med. Clinics of North America, Nov. 1937, p. 1771.
- SMITH, ALAN DEF.: Spastic paralysis. Trans. of Interstate Post-graduate Medical Assoc., 1937.

#### Book Accepted for Publication

FERGUSON, ALBERT B.: Roentgen diagnosis in the extremities and spine. Harper Brothers.

#### Papers Accepted in 1937 for Publication

- Butte, Felix L.: Scoliosis treated by the wedging jacket: selection of the area to be fused. Accepted by J. Bone & Joint Surg.
- LIEBOLT, FREDERICK L.: Surgical fusion of the wrist joint. Accepted by Surg. Gynec. & Obstet.
- Thompson, Frederick R.: Tuberculosis of the sacro-iliac joint. Accepted by J. Amer. Med. Assoc.
- VON LACKUM, WILLIAM H.: A special retractor for subtalar arthrodesis. Accepted by J. Bone and Joint Surg.

# Papers Read at Medical Meetings and Elsewhere During 1937

- GEORGE, EVERETT M. and FARRELL, BENJAMIN P.: Decline in incidence of bone and joint tuberculosis. Read at the Orthopedic Section of the New York Academy of Medicine, Oct. 15, 1937. Accepted for publication by Am. Jour. Surg.
- HALLOCK, HALFORD: Arthroplasties and reconstruction operations on the hip joint: an end-result study of 70 cases. Read at annual meeting of the American Academy of Orthopedic Surgeons in Cleveland, Ohio, Jan. 14, 1937.
- HALLOCK, HALFORD: Posture and your health. Radio broadcast under the auspices of the New York Academy of Medicine over WABC Sept. 8, 1937.
- Howorth, M. Beckett: The treatment of slipping femorale piphysis. Read at the Orthopedic Section of the New York Academy of Medicine, Feb. 19, 1937.

[ 24 ]

- Howorth, M. Beckett: Use of metal bone plates in orthopedic surgery. Read at the joint meeting of the Philadelphia Orthopedic Club and the Orthopedic Section of the New York Academy of Medicine, New York Academy of Medicine, Nov. 19, 1937.
- LANTZOUNIS, LEONIDAS: Pre-adolescent wedging round back treated by spine fusion operation. Read at the joint meeting of the Philadelphia Orthopedic Club and the Orthopedic Section of the New York Academy of Medicine, New York Academy of Medicine, Nov. 19, 1937.
- SMITH, ALAN DEF.: Scoliosis. Read at the Hospital for Joint Diseases, Jan. 8, 1937.
- SMITH, ALAN DEF.: Acute suppurative arthritis. Read at the Passaic County Medical Society, April 8, 1937.
- SMITH, ALAN DEF.: Lesions of the cauda equina simulating rupture of nucleus pulposa. Read at the alumni meeting of the Hospital for the Ruptured and Crippled, Oct. 11, 1937.
- Swift, Walker E.: Treatment of tuberculosis of the spine by spine fusion in 309 children. Read at the Orthopedic Section of the New York Academy of Medicine, Oct. 15, 1937.
- VON LACKUM, WILLIAM H. and FARRELL, BENJAMIN P.: End-results of 21 years of spine fusion for tuberculosis of the spine. Read at the annual meeting of the Am. Med. Assoc. in Atlantic City, June 7, 1937.

Theses for the Degree of D.Sc. (Med.) From Columbia University

Kimberley, A. Gurney: Low back pain and sciatica: its etiology, diagnosis and treatment.

LIEBOLT, FREDERICK L.: Surgical fusion of the wrist joint.

Thesis Submitted to Fulfill the Requirements for Membership in the American Orthopedic Association

HALLOCK, HALFORD: Congenital pseudarthrosis of the tibia and its treatment by multiple small bone transplants.

Fifty-nine applications for internships were received during 1937, from 23 states, 4 from Canada, 1 from Puero Rico and 1 from South America.

Respectfully submitted,

Benjamin P. Farrell, Surgeon-in-Chief.

TABLE No. 1
Summary of New and Old Cases — January 1, 1937, to December 31, 1937

1937 DIAGNOSES	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
Diseases of the Body as a Whole	234	34	141	59	50	284
REGIONAL DISEASES	222	22	35	165	46	268
Diseases of the Skin and Subcutaneous Areolar tissues	473	3	82	388	93	566
DISEASES OF THE MUSCULO-SKELETAL SYSTEM:— Bones: Prenatal influence: Absence of bone. Accessory bone Achondroplasia. Deformities. Dyschondroplasia. Fusion defects. Hypertrophy. Misplacement of bone. Osteogenesis imperfecta Supernumary bones.	7 16 2 25 6 32 2 3 2 2	4 2 14 2	28833322211	1 8 3 3 27	11 5 1 33 4 22 1 3	18 21 3 58 10 54 3 6 2
Diseases due to infection: Abscess of bone. Osteitis, sclerosing. Osteomyelitis Periostitis. Tuberculosis.	2 4 31 22 2	2	1 1 11 1	1 3 18 21	73 3	6 4 104 25 2
Diseases due to trauma: Calcification of bone. Contusions. Deformity following fracture. Dislocations. Exostoses. Fractures. Non-union following fracture. Osteoporosis. Periostitis. Diseases due to circulatory disturbances. Diseases due to mechanical abnormality of unknown origin. Diseases due to disorders of metabolism, growth or nutrition. New growths.	3 17 23 8 121 237 14 3 339 4 2 34 11	i 10  17	20 67 3 20 3 3	3 14 17 6 100 160 11 3 319 	45 188 15 41 3 4 24	3 21 24 20 166 425 29 3 380 7 6 58 22
Diseases due to unknown cause: Epiphyseolysis. Deformities Osteitis deformans Osteochondritis dissecans. Osteochondrosis. Round back	11 30 13 9 43 77	26  1	10 1 3 28 48	3 13 6 14	3 1 88	41 61 16 10 131 130
Joints:— Prenatal influence: Prenatal influence: Deformities. Talipes Unstable lumbosacral Joint Unstable lumbosacral joint with posterior displacement. Transitional lumbosacral joint Discoid Meniscus Dislocation. Hammer toe. Relaxation of ligaments of Joint.	22 71 498 69 37 4 27 44 1214	7 44  7 1 268	13 3 7 9	485 69 37 1 13	226 202 43 28 135	162 54

## TABLE No. 1—Continued

# Summary of New and Old Cases - January 1, 1937, to December 31, 1937

1937 DIAGNOSES	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
Diseases due to Infection: Ankylosls. Arthritis. Deformities. Synovltis. Tuberculosis.	7 380 16 6 42	3 1 1	1 24 5 2	6 353 11 3 32	105 7 360	11 485 23 6 402
Diseases due to trauma: Ankylosis. Arthritis. Contracture. Deformities. Dislocation. Foreign body in joint. Injury. Torn meniscus. Pseudarthrosis following fusion. Strain of ligaments. Synovitls. Tear of ligaments. Thinning of intervertebral disc. Diseases due to disturbances of innervation or of psychic control Diseases due to or consisting of mechanical abnormality of unknown origin. Diseases due to disorders of metabolism, growth, or nutrition.	7 36 9 42 25 3 15 74 2 111 17 240 3 68 20 21	2 3	2 1 5 14 5 1 1 2 7 1 1 18 6 38  26	5 35 4 28 19 2 13 67 1 1 93 11 200 3 39	3 4 4 17 3 1 56 1 20  55 1 35	10 40 9 46 42 6 16 130 3 131 17 295 4 103
Diseases due to unknown cause: Cartilage, intervertebral, herniation of. Claw feet. Deformities. Flat feet. Genu valgum. Hallux rigidus. Hallux valgus. Osteoarthritis. Scoliosis. Synovitis.	5 98 29 132 67 32 340 986 218	1 13 40	37 12 31 24 2 9 9	5 61 16 88 3 30 331 977 65 30	58 2 45 35 35 324 378 14	5 156 31 177 102 41 475 1310 596 53
Bursae	129		2	127	32	161
Muscles: Penatal influence: Obstetrical paralysis. Torticollis. Diseases due to trauma: Contracture of calves. Rupture.	19 35 2060 19	9 15 5	10 17 300 4	3 1755 15	51 68 930	70 103 2990 19
Diseases due to disturbances of circulation or of psychic control: Flaccid paralysis. Flaccid paralysis due to poliomyelitis. Intermittent claudication. Spasm. Spasm. Spastic paralysis. Volkmann's contracture.	9 86 2 22 79	13	2 49  6 40 1	7 24 2 16 14	892 2 143 2	9 978 2 24 222 3
Diseases due to unknown cause: Myositis. Progressive muscular dystrophy.	3 <i>7</i> 16	i	6	31 4	4	41 16

TABLE No. 1—Continued

Summary of New and Old Cases — January 1, 1937, to December 31, 1937

1937 DIAGNOSES	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
Tendons	91	2	8	81	2	93
Fascia	170		9	161	16	186
Diseases of the Cardiovascular System	136		2	134	9	145
DISEASES OF THE HEMIC AND LYMPHATIC SYSTEMS	5		1	4		5
DISEASES OF THE DIGESTIVE SYSTEM	2		1	1		2
DISEASES OF THE URO-GENITAL SYSTEM	1	1				1
DISEASES OF THE NERVOUS SYSTEM: General. Brain. Spinal cord. Peripheral.	9 13 22 60	1 1 5	3 9 3	8 9 8 57	9	13 13 22 69
DISEASE NONE	71	22	24	25		71
Non-Diagnostic	81	4	11	66		81
Total	10337	662	2249	7426	5897	16234

## TABLE No. II

# Dispensary Report January 1, 1937 to December 31, 1937

New Cases Treated in Dispensary	10,337
Revisits to Dispensary Surgeons	35,816
Number of Visits to Massage Department	19,798
Number of Visits to Physiotherapy Department	20,760
Number of Visits to Scoliosis Clinic	1,965
Number of Visits to Club-Foot Clinic	1,396
Number of Visits to Follow-up Clinic	1,822
Number of Visits to Dental Department	2,114
Total Visits	94,008

#### TABLE No. III

# Report of the Brace Shop January 1, 1937 to December 31, 1937

races and Appliances Made:	
Spinal Braces	
Arm Braces	
Belts	
Ankle Braces	
Leg Braces	
Insoles, Single	
Miscellaneous	
Total	
Braces and Appliances Repaired	

## TABLE No. IV

# Hospital Report — January 1, 1937, to December 31, 1937

TYPE OF CASE    Page							
Regional Diseases:   2	TYPE OF CASE	Cured	Improved	Unimproved	Died	Transferred to Other Hospital	Total
Regional Diseases:   2							
Diseases due to infection	Regional Diseases: Diseases due to infection. Diseases due to trauma		6 17			1	3 7 17 5
Bones: Diseases due to prenatal influences: Accessory bone—Os Tibiale externum. Deformity of bone. Dyschondroplasia. Fusion defects of bone. Misplacement of bone—Congenital elevation of scapula. Diseases due to infection: Abscess of bone. Arrest of growth. Deformity of bone. Osteitis of Garre, sclerosing. Osteomyelitis. Tuberculosis of tibia. Tuberculosis of os calcis. Tuberculosis of os calcis. Tuberculous osteitis of humerus. Diseases due to trauma or physical agents: Avulsion of epiphysis of tibia. Deformity of bone.  Diseases due to trauma or physical agents: Avulsion of epiphysis of tibia. Deformity of bone. Deformity of bone or deformation of the physical deventual deformation of the physical deformation of the physical d	Diseases due to prenatal influence		4				3 7 7 7 3
Epiphyseolysis.         13           Osteochondritis dissecans.         6           Osteochondrosis.         8         1           Round back.         1	Bones: Diseases due to prenatal influences: Accessory bone—Os Tibiale externum. Deformity of bone. Dyschondroplasia. Fusion defects of bone. Misplacement of bone—Congenital elevation of scapula. Diseases due to infection: Abscess of bone. Arrest of growth. Deformity of bone. Osteitis of Garre, sclerosing. Osteomyelitis Tuberculosis of tibia. Tuberculosis of os calcis. Tuberculosis of os calcis. Tuberculous osteitis of humerus. Diseases due to trauma or physical agents: Avulsion of epiphysis of tibia. Deformity of bone. Dislocations Exostosis of bone Fractures. Injury to coccyx. Non-union of bone following fracture. Osteoporosis. Periostitis. Diseases due to disturbance of innervation or psychic control: Deformity due to poliomyelitis. Shortening of leg due to poliomyelitis. Diseases due to mechanical abnormality of unknown origin: Recurrent dislocation of patella Diseases due to disorders of metabolism, growth or nutrition: Osteitis fibrosa cystica—humerus.		4 13 1 1 2 2 2 47 1 1 1 1 1 4 7 7 399 588 1 4 4 2 2 112 6 6 1 10			1 2	5 3 4 13 2 2 2 47 1 1 7 41 62 7 11 1 5 2 12 12 13 14 15 16 17 17 17 17 18 18 18 18 18 18 18 18 18 18
	Osteochondritis dissecans. Osteochondrosis. Round back		8 1			i	13 6 9 1 2

## TABLE No. IV-Continued

# Hospital Report — January 1, 1937, to December 31, 1937

			,	_		
TYPE OF CASE	Cured	Improved	Unimproved	Died	Transferred to Other Hospital	Total
Joints:				1		
Diseases due to prenatal influences:		_				
Deformity of joint		9	2			11
Incomplete sacralization—coccyx. Talipes. Transitional lumbosacral joint.		23			···· ż	25
Transitional lumbosagral joint		6	· · · ;			7
Unstable lumbosacral joint		58	3			61
Unstable lumbosacral jointUnstable lumbosacral joint with posterior displacement		13	l			13
Discoid lateral meniscus		2				13 2 47
Dislocations		44	1		2	47
Fifth toe varus		3				3
Hammer toes. Relaxation of ligaments of joint—weak feet Scoliosis		19	1			10
Scoliosis		4				4
Diseases due to infection:		-				7
Ankylosis		4	2			6
Arthritis		16	2		1	19
Claw feet due to encephalitis		1	3			1
Deformity of joint		15	2			18
Tuberculosis		58	2		10	70
Ankylosis		4				4
Contracture of joint		î	i			2
Deformity of joint	(	13				13
Detachment of medial meniscus	1	6	····ż			8
Dislocation of joint		16				16
Foreign body in knee		1				- !
Hypertrophy—prepatellar fat pad Injury to medial meniscus		1 2	i			1 1 3 1 2 10
Peri-arthritic stiffness of shoulder		ĩ				í
Osteoarthritis		2				2
Pseudo-arthrosis of spine fusion		10				
Strain of ligaments of lumbar spine		1				1
Synovitis of hip. Torn ligaments of joint		1 5	1			1 2 5
Torn meniscus of knee		40	3			43
Diseases due to disturbance of innvervation or psychic control:		40				47
Deformity of joint due to poliomyelitis		21				21 22
Claw feet due to poliomyelitis	1	22				22
Scoliosis due to poliomyelitis		10	3		3	10
Talipes due to poliomyelitis		70				76
Flail joint due to poliomyelitis		27				28 1
Neurogenic arthropathy (Charcot joint)		i				i
Diseases due to mechanical abnormality of unknown origin:		•				
Diseases due to mechanical abnormality of unknown origin:  Cyst of meniscus of knee		3				3
Ganglion of knee		1				1
Hammer toe—fifth		1				9
Loose bodies in joint		9	• • • •		• • • •	9
Diseases due to disturbance of metabolism, growth or nutrition:  Genu valgum due to rickets		1				1
Diseases due to unknown causes with manifest structural						
reaction:						
Cartilage, intervertebral, herniation of		3				3
Claw feet		18				3
Claw feet due to Friedreich's ataxia Deformity of joint	• • • •	3				3
Flat feet	1	3 2				18 3 2 2 5 4
Flat feet with plantar flexed talus		2				2
Genu valgum		5				5
Flat feet with plantar flexed talus. Genu valgum. Hallux rigidus.		4	••••			100
naliux valgus						25
Osteoarthritis		2)	• • • •			2,

## TABLE No. IV-Continued

# Hospital Report - January 1, 1937, to December 31, 1937

TYPE OF CASE	Cured	Improved	Unimproved	Died	Transferred to Other Hospital	Total
Scoliosis Spastic flat feet		44 5 6	2			46 5 6
Bursae		12				12
Muscles: Prenatal: Obstetrical paralysis. Torticollis. Diseases due to trauma: Contracture of calves. Herniation of muscle, lower leg. Rupture of muscle. Nervous and psychic: Contracture of calf due to poliomyelitis. Drop foot due to poliomyelitis. Flaccid paralysis of muscle Flaccid paralysis of muscle Flaccid paralysis of muscle due to nerve injury. Peroneal spasm. Spastic paralysis of muscle.			3 1 1			9 38 10 1 2 1 8 4 1
Opastic paralysis of inuscle. Wrist-drop due to nerve lesion. Diseases due to unknown cause with manifest structural reaction: Myositis of spine.	• • • •	1				1
Tendons and fascia: Contracture of fascia lata. Dupuytren's contracture. Ganglion of tendon sheath of finger. Rupture of tendon. Sarcoma, tendon sheath of second toe. Tenosynovitis. Trigger finger. Tumor of tendon sheath of foot.		2 1 1 3 2 1				6 2 1 1 3 2 1
DISEASES OF THE RESPIRATORY SYSTEM					• • • •	1
DISEASES OF THE CARDIOVASCULAR SYSTEM.  DISEASES OF THE NERVOUS SYSTEM: Compression, median nerve, due to dislocation. Compression, ulnar nerve, due to fracture. Hereditary sclerosis, spinal form (Friedreich's). Neuritis of sciatic nerve. Neuroma, post-operative. Poliomyelitis, acute.			i			1 1 1 4 2 13
Totals	1	1239	52	3	<u> </u>	1323
Number of patients on Ward, January 1, 1938						84 12

## TABLE No. V

# Report of Operations, January 1, 1937 to December 31, 1937, Inclusive

REGIONS AND INTEGUMENTARY	- i	JOINT AND LIGAMENTS (Continued)	
System		Insertion of Greater Trochanter into	
	23	A seed to the content of the content	
Amputation of Region		Acetabulum	4
Aspiration of Abscess of Region.  Biopsy of Region.  Drainage of Abscess of Region	16	ManipulationPlastic Correction for Hallux Valgus	18
Bioney of Region	2	Plastic Correction for Holly Volence	
Diopsy of Region		riastic Correction for Hallux Valgus	
Drainage of Abscess of Region	22	(Lapidus)	I 1
Dressing under Anaesthesia	7	Plastic Correction for Hallux Valous	
	15	(Cileral)	10
Excision of Clavus		(Silver) Reduction of Dislocation, Closed	I 5
Excision of Ganglion or Cyst	19	Reduction of Dislocation, Closed	- 5
Excision of Ganglion or Cyst Excision of Neoplasm of Region	22	Reduction of Dislocation, Open	Ιĺ
E	74	D. C.	
Excision of Neoplasm of Skin	4	Refusion	8
Excision of Scar Excision of Sinus Tract	3 1	Reinforcement of Fusion	4
Excision of Sinus Treet	2	Release of Contracture, Open	32
Excision of Sinus Tract	1	Release of Contracture, Open	26
Exploration of Region	7	Release of Internal Rotation Deformity	
Injection of Medicament	4	of Shoulder (Sever)	5
Ol	38	of Shoulder (Sever)	
Onychectomy, Onychectomy, Partial		Removal of Loose Bodies Removal of Herniation of Intervertebral	18
Onvchectomy, Partial	34	Removal of Herniation of Intervertebral	
Plastic Correction of Syndoctylism	i l	Cartilana	2
Plastic Correction of Syndacty lism	: I	Cartilage Repair of Pseudoarthroses	- 4
Release of Pedicle Graft	1	Repair of Pseudoarthroses	33
Release of Tube Graft	1 l	Resection. Revision of Arthrodeses	2
D	ا ہ	Desired of Aut 1	
Removal of Foreign Bodies	- 4	Revision of Arthrodeses	15
Secondary Suture of Wound	3 1	Revision of Fusion	- 1
Skin Graft-Pedicle	ا ہ	Shelf Stabilization of Hip	12
Chi Chait-Tedicie	- 4	Chem Stabilization of Thp	12
Skin Graft—Pinch	4 ]	Stretching of Ligaments, Closed	- 1
Skin Graft—Tube	1 I	Synovectomy	I1
Shin Cook "7" Flor	i 1	Cylio voccomy	
Skin Graft—Tube Skin Graft—"Z" Flap	1 1	Muscles	
Bones		Mustamu	2
	ا ہ	Myotomy	2
Biopsy	5	Sterno-Mastoid Myotomy	20
Coccygectomy	11	Stretching. Transplant	5
Courte and a David Decision Consists	٠٠ ا	Tanantana	ź
Curettage of Bone and Packing Cavity	_	Transplant	6
with Bone Chips	3	BURSAE	
Curettage of Infected Bone	- 1 - 1	D II DORGAE	
Curettage of fillected Dolle	· 1	Breaking of Adhesions in Subdeltoid	
Drainage of Abscess	0 1	Bursae	4
Drillings	79	Desires of About	1
Emaining	54	Drainage of Abscess	1
Excision	7*	Excision	6
Excision	2 1	Exploration	6
Excision of Neoplasm	9 1	Exploration	2
Excision of reopiasin.	36í	TENDONS AND FASCIA	
	100	District of His Tibial Day	13
Exploration	5	Division of Ilio-Tibial Band Division of Tendon Excision of Fascia.	12
Manipulation under Anaesthesia	À	Division of Tendon	2
Manipulation under Anaestriesia	- 7	Excision of Eastin	Ī
Insertion of Pin, Nail or Wire into Bone.	14	Excision of Lascia	
Laminectomy	10 I	Excision of Ganglion	1
Ostanto		Exploration of Tendon	I
Osteotomy	67	Escalatamy Diamese	28
Osteotomy. Redrilling. Reduction of Fracture, Closed. Reduction of Fracture, Open	2	Fasciotomy, Plantar. Fasciotomy, Tensor Fascia Femoris. Incision of Tendon. Lengthening of Tendon. Release of Contracture of Tendon Sheath	
Reduction of Fracture Closed	12	Fasciotomy, Tensor Fascia Femoris	26
Deduction of Fracture, Closed		Incision of Tendon	4
Reduction of Fracture, Open	13	Longthoning of Tondon	98
Removal of Bone Chips	21 1	Lengthening of Tendon	90
Domoval of Dono Croft		Release of Contracture of Tendon Sheath	2
Removal of Bone Graft	2	Repair of Tendon	3
Removal of Foreign Bodies		Describes of Tourism	1
Removal of Loose Degenerated Cartilage.	2	Resection of Tendon	1
Denois of Non-Union of Engetters mich	-	Resection of TendonStabilization of Shoulder (Nicola)	1
Repair of Non-Union of Fracture with		Tenosynovectomy	1
Bone Chips	1	T	2:
Bone Chips		TenotomyTransplant of Tendon	21
D C . 6	- a	Transplant of Tendon	224
Done Grait	2		
Bone Graft		Nervous System	
Bone or Metal Plate	3	Exploration of Nerve	5
Done of Metal Flate		C. Dioration of Iverve	ŕ
Resection	14	Ganglionectomy	1
Sequestrectomy	13	Neurolysis	2
Ci-l	9	Pomisostion	3
Sesamoidectomy		Ramisection	- 7
Shortening	3	Resection	6
Transplant	8	Ramisection	1 2 3 6 2
Transplant	0	Transplantation of Tecter	-
JOINTS AND LIGAMENTS	- 1	Miscellaneous	
Astheodopop	228	Annendectomy	2
Arthrodeses 2 Arthroplasty Aspiration of Non-Suppurative Fluid	20	Appendectomy	4
Arthroplasty	2	Cholecystectomy	- 1
Aspiration of Non-Suppurative Fluid	1	Excision of Lymph Node—Inquinal	1
Aspiration of Inollasuppurative Fluid	; 1	Linein Deslined Annual	1
Aspiration of Pus	1	Ligation, Popliteal Artery	1
Biopsy	3	Mastoidectomy, Simple	1
Conculoplanty	5	Paracentesis For	- 1
Capsulopiasty	;	Taidcilicolo, Lai	2
Aspiration of Pus. Biopsy Capsuloplasty Drainage	1 1	I onsillectomy and Adenoidectomy	3
Excision	67	Mastoidectomy, Simple	79
E1	26		
Exploration	36		200
Exploration	248	Total	>>/

## TABLE No. VI

TYPE OF CASE	In C. B. Jan. 1, 1937	Total Admitted	Total Discharged	In C. B. Dec. 31, 1937
Musculo-Skeletal System				
Bones				
DISEASES DUE TO PRENATAL INFLUENCES: Hemivertebra	1 2 1 0 0 0	2 6 0 1 2 1	2 6 1 1 2 0	1 2 0 0 0 1
Diseases Due to Infection: Osteomyelitis—Vertebrae. Clavicle. Radius. Femur. Tibia. Calcaneus. Tuberculosis—Ilium. OSCalcis. Tuberculous Osteitis Humerus. Bone abscess—Tibia.	0 0 0 2 0 0 0 1 0	1 1 6 2 1 0 1 1	1 1 6 2 1 1 1	0 0 0 2 0 0 0 0
Practure of dorsal spine	0 1 0 0 0 1 1 1	3 3 5 1 0 4 1 4 0	1 3 4 0 1 1 5 0 3 1 1	2 1 1 1 0 0 0 0
Diseases Due to Circulatory Disturbance: Coxa Plana Sl. Upper Femoral Epiphysis Epiphysitis of tibia	4 2 0	1 2 1	4 4 1	1 0 0
Diseases Due to Mechanical Abnormality of Unknown Origin: Hammer toes, multiple	0	1	1	0

#### TABLE No. VI-Continued

TYPE OF CASE	In C. B. Jan. 1, 1937	Total Admitted	Total Discharged	In C. B. Dec. 31, 1937
Diseases Due to Disturbance in Nutrition: Dorsal wedging round back Tibia Vara Osteitis Fibrosa Cystica Humerus	0 0 0	1 1 1	1 1 1	0 0 0
DISEASES DUE TO UNKNOWN OR UNCERTAIN CAUSES: Epiphyseolisthesis	0	9	4 1	5 1
Joints				
DISEASES DUE TO PRENATAL INFLUENCES: Unstable fifth lumbar vert. Exaggerated lumbo-sacral angle. Transitional lumbo-sacral joint. Post. displ. fifth lumbar. Dislocated hip. Equino-cavo-varus deform. due to spina bifida. Club foot. Claw foot.	2 1 0 0 8 0 3	17 0 4 3 28 1 11	15 1 3 3 26 1 12 0	4 0 1 0 10 0 2 1
Diseases Due to Infections:  Arthritis—Infectious—Spine.  Mult. deformities of joints.  Arthritis—Suppurative—Hip.  Arthritis—Suppurative—Knee.  Ankylosed hip following suppurative arthritis.  Arthritis due to gonococcus.  Rheumatoid arthritis, mult. chron.  Flex. deform. knee due to rheumatoid Arthritis.  Osteomyelitis femur.  Osteomyelitis knee.  Tuberculosis of spine.  Tuberculosis of spine.  Tuberculosis of elbow  Tuberculosis of wrist.  Tuberculosis of hip.  Tuberculosis of hip.  Tuberculosis of knee.  Tuberculosis of hip.  Tuberculosis of ankle.  Claw-foot foll. Encephalitis.  Claw-foot, post-infection.	1 1 1 0 1 9 0 1 0 1 1 12 5 2	0 1 8 1 4 0 6 1 1 0 23 1 1 1 0 13 4 1 1	1 0 11 0 5 1 3 2 1 1 18 0 2 1 1 16 6 6 1 1	0 1 2 1 0 0 4 0 0 0 14 1 0 0 0 9 3 2 0 0

#### TABLE No. VI-Continued

TYPE OF CASE	In C. B. Jan. 1, 1937	Total Admitted	Total Discharged	In C. B. Dec. 31, 1937
DISEASES DUB TO TRAUMA:  Dislocation of lumbar vertebrae.  Pseudoarthrosis spine fusion.  Fract. first lumbar vertebra.  Osteoarthritis hip due to fracture.  Fracture tibia and fibula.  Varus deformity ankle due to fracture.  Flexion deformity knee.  Equino-varus deform. foot.  Calcaneo-cavus deform. foot.  Synovitis hip.	0 0 0 0 0 1 0 1	1 3 1 2 2 3 2 0 1 2	0 3 1 2 1 3 2 1 1 2	1 0 0 0 1 1 0 0 0
Diseases Due to Disturbance in Nutrition: Genu valgus Knock knees, rachitic	0	2 1	2 0	0 1
DISEASES DUE TO UNKNOWN OR UNCERTAIN CAUSES: Lateral curvature structural Coxa Plana Claw feet Osteoarthritis of hip. Osteoarthritis of feet. Hallux Valgus. Equino-cavo-varus deform. foot	26 0 1 0 0 0	38 1 9 5 1 4 2	49 0 5 3 1 2	15 1 5 2 0 2
Muscles				
DISEASES DUE TO PRENATAL INFLUENCES: Weak feet. Torticollis. Obstetrical paralysis. Lateral curvature.	4 1 0 0	8 1 1	10 2 0 0	2 0 1 1
DISEASES DUE TO INFECTION: Acute poliomyelitis	0	13	1	12
DISEASES DUB TO TRAUMA: Contracted calves	0	10	10	0
DISEASES DUB TO DISTURBANCES IN INNERVA- TION: Scoliosis due to polio	8 21 0 3 0	5 105 13 15 4 1	11 106 11 14 4 1	2 20 2 4 0

#### TABLE No. VI-Continued

TYPE OF CASE	In C. B. Jan. 1, 1937	Total Admitted	Total Discharged	In C. B. Dec. 31, 1937
Diseases Due to Unknown or Uncertain Causes: Flat feet	1	2 1	3 0	0
Hemic System  Diseases of the Blood: Hemophilia	0	1	0	1
Diseases Due to Infection: Common cold	1	18	19	0
	143	481	471	153
Number of patients per day				5 356 263 60,236 165 5,599

TABLE No. VII

Pathological Laboratory Report of Examinations

Made From January 1, 1937 to December 31, 1937

EXAMINATION	Hospital	Private Pavilion	Dispensary	Country Branch
BLOOD EXAMINATIONS:  Bleeding Time Blood Calcium Blood Coagulation Time. Blood Compatibility Blood Count Blood Creatinine. Blood Icteric Index Blood Kline. Blood Phosphatase Blood Phosphorus Blood Sedimentation Rate Blood Sugar Blood Typing. Blood Urea Blood Uric Acid Blood Wassermann	8 13 10 229 494 5 4 218 12 12 12 93 11 540 9 2	1 3 19 105 1 21 2 2 38 6 27 8 8	4 9 6 207 1 486 9 9 334 3	1
CULTURE EXAMINATIONS: Blood Miscellaneous Wound Nose and Throat Sputum Stool Urine	13 364 14 1 4	5 32 9 2	14 170	16
Gastric Analysis	5	7	1	
GONOCOCCUS COMPLEMENT FIXATION	1	2	27	2 -
GUINEA PIG INOCULATION	<b>3</b> 9	4	4	
Mantoux Test	61	3	153	
Schick Test	115		23	
SMEAR EXAMINATIONS: Pus for Tubercle Bacilli. Sputum for Tubercle Bacilli. Urine for Tubercle Bacilli. Vaginal for Gonococci.	12 14 1 159	6 1 5 3	1 1 2 124	
SPINAL FLUID EXAMINATIONS: Cell Count Colloidal Gold Globulin Sugar Total Protein. Wassermann.	54 1 54 2 54 30	14 14 1 14 10		

#### TABLE No. VII-Continued

#### Pathological Laboratory Report of Examinations Made From January 1, 1937 to December 31, 1937

EXAMINATION	Hospital	Private Pavilion	Dispensary	Country Branch
Stool Examinations: Blood. Ova and Parasites. Routine.		1		
Tissub Examinations: Autopsy Frozen Section Routine	2 8 321	1 29		
Urine Examinations: Routine	3150 14	336	56	
VACCINE PREPARED	6	13	32	1
Totals	6,179	755	1,728	21

Total Examinations 8,683

#### TABLE No. VIII

#### Department of Roentgenology—Dispensary and Hospital Report from January 1, 1937 to December 31, 1937

Number of Patients Roentgenographed.	10,410
Number of Roentgenograms Made	21,379
Number of Dental Films Used	1,745
Number of Patients Photographed.	225
Number of Roentgen Therapy Treatments.	1,528
Number of Alpine Light Treatments.	1

#### TABLE No. IX

# Department of Roentgenology—Country Branch Report from January 1, 1937 to December 31, 1937

Number of Patients Roentgenographed	1,075
Number of Roentgenograms Made	1,466
Number of Dental Films Used.	16
Number of Roentgen Therapy Treatments	18

#### TABLE No. X

#### Dental Department, Dispensary and Hospital Report from January 1, 1937 to December 31, 1937

Number of Examinations.	719
Number of Extractions	511
Number of Treatments	52
Number of Fillings.	1,028
Number of Prophylactic Treatments.	387

#### TABLE No. XI

## Dental Department, Country Branch Report from January 1, 1937 to December 31, 1937

Number of Examinations.	290
Number of Extractions	69
Number of Treatments	99
Number of Fillings.	888
Number of Prophylactic Treatments.	350

#### REPORT OF THE SUPERINTENDENT

To the Board of Trustees,

New York Orthopaedic Dispensary and Hospital.

#### GENTLEMEN:

I have the honor to submit the report of the superintendent for the year 1937. The hospital, together with the Country Branch at White Plains, has 300 beds and cares for orthopedic patients exclusively. During the year there were 34,841 patient days in the hospital in the city and 60,236 patient days in the Country Branch, making a total of 95,077 patient days. The cost per patient day in the hospital was \$6.15, while at the Country Branch the cost was \$3.32.

This has been a very difficult year for the patients, as hard times have forced them to seek relief not only for their entire living, but for their illness. Over 43% of the work done in the two hospitals has been free. The average length of stay in the city was 32 days and at the Country Branch 128 days.

The nursing service in both hospitals has been carried on as usual. There have been few changes in the permanent staff. The post graduate course offers a four months course in orthopedic nursing to graduate nurses. Thirty-six nurses have been graduated this year. This course has been going for over ten years and has proved itself to be a most satisfactory adjunct to the nursing service.

The Private Pavilion has had a higher occupancy this year than any previous years of its existence. The less expensive rooms were the most popular and if the pressure continues for these rooms it will be necessary to increase their number.

The weekly follow-up clinic, which was started over seven years ago has been continued. This is of great value

not only in following the patient but in the education of the doctors.

The Social Service Department, which serves the Dispensary, hospital and Country Branch, has been very much pressed this year, as the need for service to the patients has been very great.

At the Country Branch the child development program, started over a year ago, has been a great factor in helping care for the children and we hope, as time goes on, that we shall be able to develop this department further.

The patients' library at the Country Branch has been moved to the top floor of the Tower Building. This allows plenty of space for tables and chairs and the library is so arranged that the patients can go around to the book shelves and browse among the books for at least two hours every week.

The physical plants of both hospitals have been kept up and the usual amount of painting and repairing have been done.

In July all the employees in the Housekeeping and Dietetic Departments in both hospitals were put on a six day a week basis. This seems to make a great difference in their contentment and we have had much less trouble in keeping our employees.

This year, as in former years, we have received many donations of gifts and personal service toward the care of our patients. For these we are most grateful. I also wish to thank the Board of Trustees and the Board of Supervisors for their continued support.

Respectfully submitted,

THEODORA S. ROOT,
Superintendent.

#### AUDITORS' REPORT

New York Orthopaedic Dispensary and Hospital, New York, New York.

We have made an examination of the balance sheet of the New York Orthopaedic Dispensary and Hospital as at December 31, 1937, and of the related statement of income and unappropriated surplus for the year 1937. These statements were prepared from the accounts kept by the custodian, Central Hanover Bank and Trust Company, on the basis of cash receipts and disbursements.

In connection therewith, we examined or tested accounting records maintained for the institution by the custodian, and other supporting evidence, and obtained information and explanations from officers and employees of the custodian; we also made a general review of the operating and income accounts shown on the books kept by the custodian for the year but we did not make a detailed audit of the transactions or of the accounting records maintained at the City Dispensary and Hospital and the Country Branch except to substantiate the remittances by these institutions to the custodian and remittances from the custodian to the institutions, as recorded by the custodian, and to account for the advances for petty cash and special nurses shown on the books kept by the custodian. Our examination of the income from patients, city aid and contributions received at the institutions and remitted to the custodian was limited to comparison of the total amounts recorded on the books kept by the custodian with the related amounts shown on the books maintained by the institutions.

Real estate mortgages and mortgage participations, including past due and open items and those on which interest is in arrears, are shown in the accompanying statements at face amount or at cost if less, as market quotations are not available.

In accordance with the adopted policy, sundry additions to plant were charged to operating expenses and no allowance was made for depreciation.

We did not examine the securities representing investments in bonds, stocks, real estate, real estate mortgages and mortgage participations or request confirmation of the balances of the mortgages by correspondence with mortgagors, but we received from the custodian, Central Hanover Bank and Trust Company, certified lists of the investments held by it for account of the institution at the close of business on December 31, 1937.

It was impracticable for us to obtain direct confirmation and verification of contributions and donations to current funds and legacies shown on the books as received during 1937, but we examined such correspondence, copies of wills and other documents as were on file with respect to such items.

In our opinion, based upon such examination and subject to the foregoing comments, the accompanying balance sheet and related statement of income and unappropriated surplus fairly present the position of the New York Orthopaedic Dispensary and Hospital as at December 31, 1937, and the results of its operations for the year 1937 on the basis of cash receipts and disbursements.

Lybrand, Ross Bros. & Montgomery.

New York, March 8, 1938.

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

#### BALANCE SHEET, DECEMBER 31, 1937 (On Basis of Cash Receipts and Disbursements)

ASSETS		
ENDOWMENT AND OTHER NONEXPENDABLE FUNDS Assets (consolidated):		
Bonds and stocks (approximate amount at market quotations, \$2,923,600)		\$ 3,708,105.62
Real estate mortgages and mortgage participations, at face amounts or cost, if less		1,795,144.02
In vicinity of City Dispensary and HospitalOther	\$ 395,933.53 631,541.54	1,027,475.07
Cash awaiting investment		15,838.98
Total endowment and other nonexpendable funds assets		6,546,563.69
PLANT: Land, buildings and equipment, at book amounts (no allowance for depreciation):		
City Dispensary and Hospital	2,311,289.00 1,124,965.61	3,436,254.61
CURRENT FUNDS ASSETS: Bonds (approximate amount at market quotations, \$473,300) Advances for petty cash	413,974.21 1,000.00 4,000.00 102,419.91	
Total current funds assets		521,394.12

Total assets	\$10,504,212.42

## NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

# BALANCE SHEET, DECEMBER 31, 1937 (On Basis of Cash Receipts and Disbursements)

FUNDS AND LIABILITIES		
ENDOWMENT AND OTHER NONEXPENDABLE FUNDS (consolidated):  Beds and rooms endowed in perpetuity (income used for hospital expenses).		\$ 590,842.80
Endowment funds: Unrestricted as to use of income: City Dispensary and Hospital	\$ 744,596.03	
Emily A. Watson fund.       \$2,005,642.21         Other.       40,300.00	2,045,942.21	
Restricted as to use of income: Annie C. Kane fellowship fund	1,002,500.00	3,793,038.24
Unrestricted funds functioning as endowment:  Legacy under will of Caroline A. James  Other	1,102,256.62 1,000,584.92	2,102,841.54
Net profit on disposition of securities and real estate		59,841.11
Total endowment and other nonexpendable funds		6,546,563.69 3,436,254.61
CURRENT FUNDS AND LIABILITIES: Restricted expendable funds: Annie C. Kane fellowships for surgeons. Research fund. Statira Bridgman fund.	147,623.26 62,588.17 111.05	
General: Liabilities: Deposits for security on leases\$ 545.00	210,322.48	
Surplus: Appropriated: Reserve for plant betterments. \$ 207,564.50 Emergency relief. 5,000.00 Superintendent's special account. 961.69		
Unappropriated, per statement attached 213,526.19 97,000.45		
\$ 310,526.64	311,071.64	
Total current funds and liabilities		521,394.12
Total funds and liabilities		\$10,504,212.42

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL DEERING Howe, Treasurer

# STATEMENT OF INCOME AND UNAPPROPRIATED SURPLUS FOR YEAR ENDED DECEMBER 31, 1937 (On Basis of Cash Receipts and Disbursements)

Income: Investment securities and rented properties Less, Amount allocated to testricted expendable funds	\$298,745.30 44,536.50	\$254,208.80
Patients' board, professional care, etc. City aid. Donations. United Hospital Fund. Special contributions. Free beds annually endowed. Miscellaneous.		189,213.58 141,880.49 20,397.96 24,108.57 6,125.00 2,684.00 9,855.32
Total income		648,473.72
Expenses:  Professional care of patients  Less, Amount allocated from restricted expendable fund, Annie C. Kane fellowships for surgeons	259,971.28 10,800.00	
Household and propertyAdministrative	249,171.28 255,547.47 71,439.87	
Total expenses		576,158.62
Net income for year 1937		72,315.10
Appropriations: Reserve for plant betterments Emergency relief	43,968.16 5,000.00	48,968.16
Net income for year 1937 after appropriations		23,346.94
Unappropriated Surplus, December 31, 1936	59,418.40	
Collections at City Dispensary and Hospital and at Country Branch during December, 1936, remitted to custodian in January, 1937	14,235.11	73,653.51
Unappropriated surplus, December 31, 1937		\$ 97,000.45

#### ENDOWED BEDS

#### In Perpetuity

- 1883. By Miss C. B. Hicks, continued in perpetuity by Buchanan Winthrop.
- 1886. By Mrs. Elizabeth Milbank Anderson, four beds. In Memoriam J. Milbank Anderson.
- 1891. By Alfred Corning Clark, three beds.
- 1891. By Edward Severin Clark, two beds, to be known as the "Edward Severin Clark Beds."
- 1891. By Mrs. Henry S. Winthrop.
- 1893. By Mrs. William D. Sloane. In Memoriam William Douglas Sloane, Jr.
- 1893. By James K. Gracie. In Memoriam Anna Bulloch Gracie.
- 1893. By Miss Sarah B. Gibbs.
- 1894. By Mrs. Richard Tylden Auchmuty, two beds. In Memory of Richard Tylden Auchmuty.
- 1894. By James H. Jones.
- 1896. By Mrs. William Astor. In Memory of Helen Roosevelt.
- 1896. By Mrs. Evan T. Walker. In Memory of John J. Walker.
- 1897. By Mrs. William D. Sloane, two beds, one bed in Memoriam Maria Louise Vanderbilt and one in Memoriam Emilie Vanderbilt Burden.
- 1898. By Mrs. Charles B. Alexander, for her Daughter, named the Harriet Alexander Bed.
- 1901. By Mrs. N. A. Baldwin. In Memory of Louise Suydam Duer.
- 1901. By Mrs. Benjamin Brewster. In Memoriam Benjamin Brewster.
- 1901. By Henry T. Sloane, Jessie and Emily Sloane, bed endowed by their Father.
- 1901. By Mrs. Marion Story. In Memory of M. Furman Hunt.
- 1902. By James Henry Smith, two beds. In Memory of George Smith.
- 1902. By Miss Emily A. Watson. In Memory of Mrs. Mary J. Walker.
- 1904. By Miss Cornelia Prime. In Memory of her Brother, Temple Prime.
- 1904. By Miss Helen Phipps.
- 1904. By James K. Gracie. In Memory of Esther Gracie Ogden.
- 1906. By Miss Caroline White.
- 1906. By Mrs. M. Dwight Collier. In Memory of Maurice Dwight Collier.
- 1908. By Mrs. H. N. Munn, Mrs. Augusta Munn Tilney, Orson D. Munn. In Memory of Henry Norcross Munn.
- 1911. By Everetta C. Whitney estate.

- 1911. By Miss Josephine C. Smith. In Memory of her Father, Dr. Edward A. Smith, and her Mother, Rebecca Miller Smith.
- 1913. By Estate of Marion de Forest Clark. In Memory of Julian Bouton Clark.
- 1913. By an anonymous donor, to be known as "Mary Townsend Cuyler Bed."
- 1913. By Carolina F. Butterfield. In Memory of Frederick Falconer Butterfield.
- 1915. By Miss Emily Trevor.
- 1915. By Mrs. Frederick W. Vanderbilt, to be known as "The Louise Bed."
- 1915. By George Grant Mason, two beds. In Memory of his Uncle, James Henry Smith.
- 1916. By Henry M. Tilford. In Memory of Catharine Hunt Tilford.
- 1916. By estate of Miss Clementine Furniss, to be known as the "Clementine Furniss Bed."
- 1916. By an anonymous donor.
- 1917. By Mrs. Charles H. Senff. In Memory of her little Son, Henry Senff.
- 1917. By Mrs. A. Murray Young. In Memory of her great Uncle, Wilson G. Hunt.
- 1919. By R. Fulton Cutting, to be known as the "Helen Suydam Cutting Bed."
- 1919. By Mrs. Frederick Delano Hitch.
- 1919. By Levi P. Morton. In Memory of Anna Livingston Morton.
- 1919. By Miss Georgiana G. R. Wendel, two beds. "In Memory of my Sister, Augusta A. S. Wendel."
- 1919. By various donors. Bed in Memory of Theodore Roosevelt, former President of the United States.
- 1920. By Mrs. John Hobart Warren.
- 1921. By Mrs. Winthrop W. Aldrich. In Memory of her little Son, Winthrop Williams Aldrich, Jr.
- 1921. By F. Ambrose Clark, to be known as "The Florence L. Clark Bed."
- 1922. By Mrs. David T. Dana. In Memory of her Mother, Mrs. M. Dwight Collier.
- 1924. By Charlotte Bruce Bickmore Estate. In Memory of Albert Smith Bickmore, Jr.
- 1924. By Mrs. Louise Ward McAllister Lewis. In Memory of her Mother.
- 1925. By Miss Elizabeth J. Hofer, two beds. In Memory of Horatio C. Kretchmar.
- 1925. By Percy Chubb. In Memory of his Wife.

- 1925. By Junior Red Cross of the Public Schools of New York.
- 1925. By Mrs. Douglas Robinson. In memory of her Friend, Charles Allen Munn.
- 1926. By Junior Red Cross of the Public Schools of New York.
- 1927. By Darrach Home.
- 1928. By Mrs. Mary L. Schoonmaker, ten beds. In Memory of Sylvanus Lothrop Schoonmaker and Frank Layng Schoonmaker.
- 1928. By estate of Henry D. Dickinson. In Memory of Hathaway M. Dickinson.
- 1930. By James T. and Sarah Bancroft Leavitt, to be known as the "Mrs. James T. Leavitt Bed."
- 1934. By Henry C. deRham, Frederic F. deRham and Clarisse deRham Rutherfurd. In Memory of their parents, Charles and Emily Howe deRham.
- 1935. By Mrs. Percy R. Pyne and Family. In memory of Meredith Howland Pyne.
- 1936. By Miss Elizabeth Stewart Hamilton. In Memory of Mrs. John Hobart Warren, to be known as the "Harriette Mott Warren Bed."
- 1936. By Mrs. Edward S. Harkness. "Dorcas House Bed." In Dear Memory of Wilma Gideon.

#### ENDOWED ROOMS

#### In Perpetuity

- 1922. By Glenn Ford McKinney, a Room in the Country Branch. In Memory of His Wife, Jean Webster McKinney.
- 1929. By 400 of his Friends and Associates, a Room in the Private Pavilion. In Memory of H. Le Roy von Lackum, M. D., Surgeon in this Hospital 1916-1928.

#### BEDS ENDOWED YEARLY

- By DeLancey K. Jay and Mrs. John H. Prentice. In Memory of the Officers and Men of the 307th Infantry who died in the Great War.
- By the Junior Guild of the New York Orthopaedic Dispensary and Hospital.
- By Miss Jessie H. Miller. In Memory of her Sister.
- By Mrs. Stanley Mortimer. In Memory of Anna Hall Roosevelt.
- By Miguel J. Ossorio.
- By Miss Grace Howard Potter and Mrs. J. Kennedy Tod. In Memory of Mr. and Mrs. Howard Potter.
- By Wm. Sheffield Cowles, Mrs. Theodore Roosevelt and Mrs. Theodore Douglas Robinson. In Memory of Mrs. Martha Bullock Roosevelt.
- By Mr. and Mrs. Arnold Whitridge.

#### ANNUAL REPORT

## ORTHOPAEDIC HOSPITAL RED CROSS UNIT

JANUARY 1, 1937 TO DECEMBER 31, 1937

Days open	19
Average Attendance per day	4
TOTAL PRODUCTION	
Surgical Dressings	25,149

Respectfully submitted,

LETITIA H. HIGGINS,

Chairman.

#### THIRTY-NINTH ANNUAL REPORT

of the

JUNIOR GUILD

of the

NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

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Mrs. FRANCIS C. HUNTINGTON

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Miss ESTHER WATERMAN

# REPORT OF THE JUNIOR GUILD

The work of the Junior Guild has been the same during the past year. We now meet on the third Wednesday of the month, instead of the second, as formerly.

The funds for our various activities are raised through dues, donations, yearly appeals which are sent out every February or March, and a rummage sale held every autumn.

We maintain a bed in one of the children's wards, supply clothing used in the wards, make a payment towards the salary of our visiting nurse, give her a monthly sum to be used for milk for children either before their entrance to the hospital for treatment, or after their discharge from the hospital. At Easter we send ice cream to the three children's wards. At Christmas we fill white cotton stockings with toys for each child, and these stockings are used afterwards for the children while in the hospital.

During Lent we meet every Wednesday morning to make garments for the children's wards.

Respectfully submitted,

FLORENCE S. KOBBÉ, Secretary.

# REPORT OF THE JUNIOR GUILD

# From January 1, 1937 to December 31, 1937

RECEIPTS		EXPENDITURES	
Balance January 1, 1937 Interest	\$1,365.30 5.55 332.44 2,570.77	Towards Nurse's Salary Endowed Bed Printing Nurse's Extras Rummage Sale Easter Ice Cream Clothing	\$1,000.00 350.00 1,261.99 180.00 40.22 5.40 71.15
	\$4,274.06	Bank Balance December 31, 1937	\$2,908.76 1,365.30 \$4,274.06

Melinda G. Remsen, Treasurer.

The sum of \$7,500 endows a bed in perpetuity, and the sum of \$350 endows a bed for one year.

# Form of Certificate of the Donor of an Endowed Bed in Perpetuity

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

This is to Certify that the New York Ort through its Trustees has received from	hopaedic Dispensary and Hospital
berein designated as the donor, a fund of Seven for the purpose of founding and maintaining powers an endowed bed in its Hospital in per	g in accordance with its corporate
The donor shall have the privilege of non but such nomination and the use of said bed and regulations governing endowed beds, and tion and discharge of patients as now exists by the Board of Trustees of said Dispensary as	shall be subject to all such rules providing for the treatment, recep- or which may hereafter be enacted
Witness this corporate seal of the New Hospital, and the signatures of two of its	officers, thisday of
Secretary.	President.

#### FORM OF BEQUEST

#### INTERNE SERVICE

The interne staff consists of eight internes, each serving for two years. Appointments are made in February, May, August and November, and only those who have served a two year general hospital internship are eligible.

Application blanks will be sent upon request.

#### ANNIE C. KANE FELLOWSHIPS

Fellowships known as the Annie C. Kane Fellowships have been established at this hospital. These fellowships offer to selected young surgeons who have first completed their internship in this hospital an opportunity to continue their training in orthopedic surgery for from three to five years, and will carry a salary.

# SEVENTY-FIRST YEAR BOOK For the Year 1938

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

New York City

COUNTRY BRANCH White Plains, New York

MEDICAL LIBRARY COLUMBIA UNIVERSITY
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SEVENTY-FIRST YEAR BOOK FOR THE YEAR 1938

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

420 East 59th Street, New York City

COUNTRY BRANCH White Plains, New York



### CONTENTS

P	AGE
Board of Trustees and Officers	5
Trustees' Standing Committees	6
Board of Supervisors and Officers	7
Supervisors' Standing Committees	8
Medical Staff	9
Consulting Staff	11
Medical Staff, Country Branch	12
Executive Staff	13
Executive Staff, Country Branch	14
Report of President	15
Report of Board of Supervisors	18
Report of Surgeon-in-Chief	20
Table I. Summary of New and Old Cases	28
Table II. Dispensary Report	31
Table III. Hospital Report	32
Table IV. Report of Operations	35
Table V. Pathological Laboratory Report	37
Table VI. Department of Roentgenology,	
Report of Dispensary and Hospital	39
Table VII. Dental Department,	
Report of Dispensary and Hospital	39
Table VIII. Instrument Report	40
Table IX. Summary of Cases, Country Branch	41
Table X. Department of Roentgenology,	
Report of Country Branch	45
Table XI. Dental Department,	
Report of Country Branch	45
Report of Superintendent	46
Report of Treasurer	48
Auditors' Report	51
Endowed Beds in Perpetuity	52
Endowed Rooms in Perpetuity	55
Beds Endowed Yearly	55
Report of Orthopaedic Hospital Red Cross Unit	56
Report of Junior Guild	57
Form of Certificate to Donor of Endowed Bed	61
Form of Bequest	63







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For 1939

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For 1939

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### Country Branch

MISS CAROLINE WHITE, Chairman
MRS. JOSEPH H. CHOATE, Vice-Chairman
MRS. ROBERT S. BREWSTER
MRS. OLIVER D. FILLEY
MRS. A. MURRAY YOUNG

### Nominating

Mrs. CHARLES D. DICKEY, Chairman
Mrs. PERCY R. PYNE, Vice-Chairman
Mrs. CLARENCE L. HAY
Mrs. ROBERT WINTHROP KEAN

# MEDICAL STAFF For 1939

### Attending Staff

Surgeon-in-Chief
BENJAMIN P. FARRELL, M.D.

Assistant Surgeon-in-Chief
ALAN DEFOREST SMITH, M.D.

Attending Surgeons
LEONIDAS A. LANTZOUNIS, M.D.
HALFORD HALLOCK, M.D.

Associate Attending Surgeons
WALKER E. SWIFT, M.D.
M. BECKETT HOWORTH, M.D.
GEORGE L. INGE, M.D.
WILLIAM H. VON LACKUM, M.D.

Assistant Attending Surgeons ELLIOT W. LAWRANCE, M.D. MALCOLM B. COUTTS, M.D. FREDERICK L. LIEBOLT, M.D.

Attending Physician
GEORGE M. GOODWIN, M.D.

# Department of Roentgenology

Roentgenologist
ALBERT B. FERGUSON, M.D.

# Pathological Laboratory Pathologist C. ZENT GARBER, M.D.

# Department of Dentistry Director WILLIAM B. DUNNING, D.D.S.

Dental Surgeons NORMAN W. BOYD, D.D.S. GEORGE H. HENRICHSON, D.D.S.

### Annie C. Kane Fellows

FREDERICK R. THOMPSON, M.D.
EVERETT M. GEORGE, M.D.
WILLIAM B. MACCRACKEN, M.D.
BYRON B. KING, M.D.
McDOWELL ANDERSON, M.D.
S. SVERRE HOUKOM, M.D.

### Resident Staff

CARL BERG, M.D.
ROBERT R. RIX, M.D.
J. HAMILTON ALLAN, M.D.
WALTER A. L. THOMPSON, M.D.
JOHN B. KELLEY, M.D.
GEORGE R. DAWSON, JR., M.D.
RICHARD H. MELLEN, M.D.
STEPHEN WILLIAMS, M.D.

#### CONSULTING STAFF

For 1939

Surgery

EUGENE H. POOL, M.D. ADRIAN V. S. LAMBERT, M.D.

Plastic Surgery

JEROME P. WEBSTER, M.D.

THOMAS W. STEVENSON, JR., M.D.

Medicine

SAMUEL W. LAMBERT, M.D. NATHANIEL R. NORTON, M.D. HOWARD H. MASON, M.D.

Neurology

HENRY ALSOP RILEY, M.D. ANGUS MACDONALD FRANTZ, M.D.

Neural Surgery
EDWIN M. DEERY, M.D.

Otolaryngology
CARL M. SAUTTER, M.D.
J. CALVERT KIRKBRIGHT, M.D.

Ophthalmology
ARNOLD KNAPP, M.D.

Dermatology
J. GARDNER HOPKINS, M.D.

Gynecology
RALPH A. HURD, M.D.

Urology
GEORGE F. CAHILL, M.D.

Pathology
ARTHUR P. STOUT, M.D.

Anesthesia
GEORGE M. CREEVEY, M. D.

# MEDICAL STAFF COUNTRY BRANCH For 1939

Attending Staff

Surgeon-in-Chief
BENJAMIN P. FARRELL, M.D.

Attending Surgeon
WILLIAM H. VON LACKUM, M.D.

Two Residents from Hospital Resident Staff

Roentgenologist
ALBERT B. FERGUSON, M.D.

Dental Surgeon CHARLES P. HORTON, D.D.S.

Consulting Staff

Surgery
EDWIN G. RAMSDELL, M.D.

Medicine
EDWARD W. WEBER, M.D.

Otology and Laryngology
GRAVEN F. WINSLOW, M.D.

Ophthalmology
PHILIP F. HOFFMAN, M.D.

Dermatology
PHYLLIS SCHUYLER KERR, M.D.

### EXECUTIVE STAFF

For 1939

Superintendent
THEODORA S. ROOT

Assistant Superintendent
BERTHA H. LEHMKUHL, R.N.

Director of Nursing ISABEL BISHOP, R.N.

Director of Social Service ELSPETH M. HOLWAY, R.N.

Director of Physiotherapy EMMA E. SCHRAMPF

Secretary of Appeals
HARRIET W. LYNCH

Cashier
ELISE L. INGALLS

Record Librarian
HELEN GARING

Medical Librarian
JESSIE MATSON

Dietitian
DOROTHE L. TOWER

Housekeeper JESSIE F. SMITH

Brace Shop Foreman GEORGE HEMPEL

Chief Engineer
JOHN FAY

# EXECUTIVE STAFF COUNTRY BRANCH

Superintendent
THEODORA S. ROOT

Assistant Superintendent EVELYN I. V. HOWARD, R.N.

Director of Nursing MARY F. SHARP, R.N.

Cashier
MARY H. WOODCOCK

Record Librarian

MARGARET C. EBEL

Occupational Therapist
LORAINE A. CORWIN

Dietitian
ELIZABETH E. CROMWELL

Housekeeper DOROTHY D. RICKER

Chief Engineer
FREDERICK WEIMER





### REPORT OF THE PRESIDENT

To the Board of Trustees and the Board of Supervisors of New York Orthopaedic Dispensary and Hospital

### LADIES AND GENTLEMEN:

The New York Orthopaedic Dispensary and Hospital has concluded the 72nd year of its service to the city. In this year the Medical Staff of the hospital has made steady progress in its research work in the various forms of orthopaedic surgery. The report of the Surgeon-in-Chief in this Year Book is replete with information showing the scope of the work handled during the year, and touching on the progress made in surgical methods. You are particularly urged to note the list of the books and papers published and accepted for publication written by the hospital's staff during the past year.

The number of visits by patients to the Dispensary was 93,172 in 1938, or almost equal to the high figure of 94,008 in 1937.

The number of patients treated in the hospital in 1938 was somewhat smaller than in 1937. This was also true of the Private Pavilion. The number of patient days in the two hospitals combined totaled 98,649 in 1938 compared to 101,003 in 1937.

In the late spring the Private Pavilion was filled to capacity and consideration was given to plans for enlarging it. Since then there has been a decline in the number of private patients, consequently this project has been given up. This recent decline seems equally true of other comparable hospitals. The explanation is probably cyclical.

Our close association continues with the College of Physicians and Surgeons of Columbia University, where Doctors Benjamin P. Farrell and Alan DeForest Smith hold the Chairs of Professor and Clinical Professor of Orthopaedic Surgery. The degree of Doctor of Medical Science has been granted to one of our Annie C. Kane Fellows who qualified during 1938 under the terms required by the University.

During most of the year eight physicians were serving

under appointment as Annie C. Kane Fellows.

Financially the hospital has had a satisfactory year. Although income from all sources was lower than in 1937, it still slightly exceeded expenditures, and the Reserve for Plant Betterment was increased by appropriating to it the income of the James Fund.

Mr. George G. Mason resigned from the Board of Trustees on October 31st last after serving faithfully for twenty-eight years. His resignation was accepted with great regret.

During the year Messrs. George Lauder Greenway, Charles Barney Harding and Percy Chubb 2nd were elected

Trustees.

The following changes occurred among the Officers of the hospital during the year: Mr. Deering Howe, who had been Secretary, became Treasurer; Mr. H. Rivington Pyne took Mr. Howe's place as Secretary; and, very fortunately, Mr. Robert S. Brewster accepted the Chairmanship of the Executive Committee.

It is pertinent at this point to say a few words, however inadequate, in connection with Mr. Brewster's resignation from the Presidency after serving in that capacity for twenty years. It was due in large measure to Mr. Brewster's wise and farsighted leadership and inspiration throughout this long period that the hospital has developed its high professional standing, the ability of its Executive Staff, the material efficiency of its plants, and its fortunate financial position.

Dr. James W. Toumey, Jr. resigned as Assistant Surgeon last August to go to Boston.

The Trustees have approved a rearrangement of the Medical Staff to go into effect January 1st, 1939. Under Doctors Benjamin P. Farrell, Surgeon-in-Chief, and Alan DeForest Smith, Assistant Surgeon-in-Chief, a permanent staff has been appointed consisting of two Attending Surgeons, Doctors Halford Hallock and Leonidas A. Lantzounis, four Associate Attending Surgeons, Doctors M. Beckett Howorth, George L. Inge, William H. von Lackum and Walker E. Swift, and three Assistant Attending Surgeons, Doctors Frederick L. Liebolt, Elliot W. Lawrance and Malcolm B. Coutts. Doctor C. Zent Garber has been appointed as Pathologist.

Since January 1st, 1935 a system of rotation has been in effect. It is believed that a permanent staff will prove more desirable.

It is satisfactory to know that our plants and administration continue to be rated Class I by the State Board of Charities.

The members of the Boards of Trustees and Supervisors took an active part in the United Hospital Fund Campaign this last Autumn. Mrs. Sheldon Whitehouse acted as Co-chairman of the Women's Division of the Campaign. Mrs. Kenneth S. Walker and Mr. Charles B. Harding organized teams.

To the Staff, the Superintendent and the Employees for faithful service, I express the thanks and appreciation of the Trustees and Supervisors.

Respectfully submitted,

WM. SHEFFIELD COWLES,

President

January 17, 1939.

### REPORT OF THE BOARD OF SUPERVISORS

To the Board of Trustees, New York Orthopaedic Dispensary and Hospital.

### GENTLEMEN:

The year has been a successful one for the Board of Supervisors. There has been but one change in its membership. Mrs. De Lancey K. Jay resigned as she felt that, living in the country, it was too difficult for her to attend meetings. Mrs. Parmely W. Herrick was unanimously elected to fill the vacancy thus made.

The members have been generous and devoted to the work and interests of the hospital and have given freely to its many activities. To them we owe a part of the funds necessary for the salaries of the Social Service nurses. To the members of the Board who supplied Christmas baskets, Christmas trees and greens, the nurses' party and presents for the patients both in the city hospital and at the Country Branch, we express deep appreciation. The Junior Guild has kept up its good work, giving a yearly free bed, salary of a Social Service nurse and clothing for the children on the sixth floor. The Red Cross Unit has helped greatly by making surgical dressings. To them and to all others who have contributed to the hospital we are most grateful.

The Board decided to join the United Hospital Drive this year and under the enthusiastic leadership of Mrs. Kenneth S. Walker, as Group Leader, and Mrs. Parmely W. Herrick as Captain, did remarkably well; in fact, the Orthopaedic Hospital team was one of the four out of ninety-two teams to exceed its quota, which it did by \$3,000.00.

The Private Patient Pavilion has done very well this year, at times being completely full. The hospital as a whole has run with its customary smoothness, due to the devotion and remarkable efficiency of our superintendent and her staff. To them all we are most grateful.

So, with renewed thanks to all our kind and loyal friends, we close the year in a happy and hopeful spirit.

Respectfully submitted,

Cora Oliver Choate, Secretary.

### REPORT OF THE SURGEON-IN-CHIEF

# To the Board of Trustees of the New York Orthopaedic Dispensary and Hospital

### GENTLEMEN:

There were 16,091 patients who visited our Dispensary during the year 1938, 10,237 of whom were new cases. Table I is a classification of the types of conditions which brought these cases to us.

Table II is the Report of the Dispensary visits, there having been 93,172 in 1938.

Table III is the hospital report for the year 1938. It shows that 23 patients were discharged cured, 1,133 improved under treatment, 88 showed no improvement, 1 died, and 25 were transferred to other hospitals. It also records that 79 patients had tuberculous joints; 2 tuberculous bones; 65 fractures, 11 being of the spine; there were 235 cases of non-tuberculous deformities and developmental conditions of the spine; and 253 cases of deformities and developmental conditions of the feet and legs.

Table IV is the report of the operations performed in 1938, a total of 2,232; 1,343 patients were operated on.

Table VIII is the detailed report of the manufacture of instruments in the Brace Shop, 2,832 having been made and 3,428 having been repaired.

CITY HOSPITAL: The number of patients in the hospital on January 1, 1938 was 84. The number admitted during the year was 1,058, 1,055 were discharged and none died, leaving 88 patients in the hospital on January 1, 1939. The average number in the wards each day was 94.2, and the average stay of each patient was 32.6 days. There were 32 waiting

for beds at the end of the year. The number of patients treated was 1,143.

In the Private Pavilion 224 patients were treated during the year 1938.

Table VI shows that 10,304 patients were roentgenographed; 21,071 films were used.

Country Branch: Table IX is a summary of the cases treated at the Country Branch in 1938. The number of patients in the hospital at the beginning of 1938 was 153; 423 were admitted during the year, 440 were discharged and none died, leaving 136 in the hospital on January 1, 1939. The total number of patients treated was 576. The average number of patients per day was 161.8, and the average stay of each patient was 133.4 days.

Table X shows that at the Country Branch 905 patients were roentgenographed and 1,300 films were used.

Table V is the report of the Pathological Laboratory and applies to both hospitals. It shows that 8,412 examinations were made during the year.

Changes were made in the organization of the staff to take effect January 1, 1939, which it is believed will be an improvement over the plan which has been in operation for a number of years. Heretofore the ward service of the entire hospital has been under the immediate care of one of the two attending surgeons in rotation. During the past year the other members of the staff, with the exception of the Surgeon-in-Chief and Assistant Surgeon-in-Chief, held the rank of Assistant Attending Surgeon. They had little responsibility for the care of the patients on the wards and as a result the Attending Surgeon was burdened with too many details and the hospital was not taking advantage of the services of a group of well trained men.

For several years the older members of the attending

staff have been assigned in rotation as attending surgeons for a period of one year. Dr. Hallock and Dr. Lantzounis have now been appointed permanent Attending Surgeons, and Doctors Howorth, Swift, von Lackum and Inge have been made Associate Attending Surgeons. Doctors Hallock and Lantzounis, as Attending Surgeons, continue as chiefs of the two Dispensary services and each of the associate and attending surgeons is in charge of one of the subdivisions of the service. The care of the ward patients is now divided amongst the two attending and three of the associate attending surgeons, each of whom assumes charge of one of the floors instead of the entire service. Each of these surgeons is on ward duty for three months and off duty for two months, and the assignments are rotated so that each man has charge of a different floor on each tour of duty. The three senior Annie C. Kane Fellows are designated as Assistant Attending Surgeons and one is assigned to each floor as assistant to the Attending in charge. A resident is on duty on each floor. The entire service is under the general supervision of the Surgeon-in-Chief and his assistant.

It is believed that this arrangement, by giving each attending or associate attending surgeon thirty odd instead of one hundred patients to supervise, will enable him better to familiarize himself with their condition and to attend to the multitude of details incidental to this type of surgery. The plan also conforms to that in use in almost all hospitals today.

The scoliosis service, which is a large one and which includes a considerable proportion of the patients in the hospital, has been placed under the care of Dr. von Lackum, who also has been made chief of the Scoliosis Clinic in the out-patient department. For a number of years this service has been run by one of the Fellows, each of whom has done excellent and entirely satisfactory work. This arrangement

has resulted, however, in the man who has this assignment devoting proportionately too much time to this special work, while the other Fellows have not had as much instruction as might have been desired in this field. Now each Fellow will serve on the scoliosis service as assistant to Dr. von Lackum as a part of his service. Dr. von Lackum has been relieved of his other duties on the wards and in the clinic in order to take charge of this service and to continue as Attending Surgeon at the Country Branch.

After serving as Pathologist for five years Dr. Walker E. Swift has decided to again devote his entire time to clinical work and has been appointed Associate Attending Surgeon. Dr. Swift's experience in the clinical aspects of orthopedic surgery was a valuable asset to him in his laboratory work and the knowledge of surgical pathology which he now has acquired will be of great help to him in his surgery. Dr. C. Zent Garber was appointed Pathologist to begin his duties on January 1, 1939. Dr. Garber has been Pathologist at Roosevelt Hospital and prior to that held the same position at the Fifth Avenue Hospital. He brings to his work a long experience in this subject.

The trend in medical education is to insist upon a longer and more thorough training for doctors who intend to specialize in any field. Examining Boards have been set up in each specialty and a diploma from such a Board now is a necessity for anyone who is to practice in that department. The American Board of Orthopedic Surgery has announced its intention of requiring three years of preparation in a hospital for each candidate before he is permitted to take this examination. In order to comply with this requirement and also to round out the training of our residents in several particulars, which for some time we have considered desirable, we have obtained the consent of the Board of Trustees to increase the length of resident service from two

to three years. This will become effective with the men whose appointments begin after January 1, 1939.

An arrangement has been made with the fracture service at the Presbyterian Hospital to take each of our men as an intern on that service for six months. This will supplement his training and will give him a much needed experience in acute fractures and injuries. In many parts of the country orthopedists now are expected to care for such cases and it is necessary for a man entering this branch of surgery to be familiar with these conditions. We consider ourselves very fortunate in being able to form an alliance with the fracture service of the Presbyterian Hospital, which is under the charge of Dr. William Darrach and Dr. Clay Ray Murray and which is regarded as one of the outstanding fracture departments in the country.

The remaining part of the third year will be spent in the X-ray and pathological laboratories of the New York Orthopaedic Hospital and in the Laboratory of Surgical Pathology under Dr. A. Purdy Stout at the College of Physicians and Surgeons. During this time as much experience as possible will be given in the subject of bone tumors. It will be possible also for the resident to gain some experience in the out-patient department.

Following this extra year of service as a resident the Annie C. Kane Fellowship will still be available to those men who are selected to continue their training at the hospital.

Of the four residents who completed a two year service in 1938 Dr. S. Sverre Houkom was appointed an Annie C. Kane Fellow; Dr. Gene D. Caldwell is associated in practice with Dr. Herbert A. Durham, a former attending surgeon of this hospital, now in Shreveport, Louisiana; Dr. Edward B. D. Neuhauser is associated with Dr. DeForrest Willard in Philadelphia; and Dr. Nicholas J. Giannestras is practic-

ing in Cincinnati, Ohio. Dr. Felix L. Butte, at the completion of five years' service, including a Fellowship, is practicing in Dallas, Texas. Dr. Edward G. Ewer, who was appointed a Fellow for one year, was unable to complete his term because of ill health.

Of our alumni, forty-six are engaged in the practice of orthopedic surgery in twenty states and one is in Canada.

Seventy-nine applications for a residency were received. Two appointments were made and fourteen applications are still under consideration.

The administration of the hospital by Miss Root and her staff has been maintained at its high level of efficiency and has contributed greatly to the work of the medical staff in caring for the patients.

The teaching of the third and fourth year medical students of the College of Physicians and Surgeons in orthopedic surgery and of the third year students in applied anatomy was conducted as usual during the year.

The study and research in the various problems that confront us in the practice of orthopedic surgery has continued and the work that has been done by members of the staff is reflected in the following list of titles of articles either published or read during 1938.

Publications of the Staff of the New York Orthopaedic Dispensary and Hospital During the Year 1938

### Papers Published

- Butte, Felix L.: Scoliosis treated by the wedging jacket: selection of the area to be fused. J. Bone & Joint Surg., v. 20, p. 1, January 1938.
- Duncan, George A.: Congenital and developmental coxa vara. Surgery, v. 3, p. 741, May 1938.
- GIANNESTRAS, NICHOLAS J.: A turnbuckle lug for wedging jackets for scoliosis. J. Bone & Joint Surg., v. 20, p. 1050, October 1938.
- HALLOCK, HALFORD: Use of multiple small bone transplants in the treatment of pseudarthrosis of the tibia of congenital origin or

- following osteotomy for the correction of congenital deformity. J. Bone & Joint Surg., v. 20, p. 648, July 1938.
- INGE, GEORGE L.: Chronic synovitis of the knee joint treated by synovectomy. J.A.M.A., v. 111, p. 2451, Dec. 31, 1938.
- Liebolt, Frederick L.: Surgical fusion of the wrist joint. Surgery, Gynecology & Obstetrics, v. 66, p. 1008, June 1938.
- SMITH, ALAN DEFOREST: The surgical treatment of low back pain. Surgery, v. 4, p. 13, July 1938.
- SMITH, ALAN DEFOREST: BUTTE, F. L. & FERGUSON, A. B.: Treatment of scoliosis by the wedging jacket and spine fusion: a review of 265 cases. J. Bone & Joint Surg., v. 20, p. 825, October 1938.
- SWIFT, WALKER E. & HALLOCK, HALFORD: Treatment of localized fibrocystic cavities in bone by curettage and packing with bone chips. J. Bone & Joint Surg., v. 20, p. 411, April 1938.
- THOMPSON, FREDERICK R.: Sacro-iliac tubersulosis. J.A.M.A., v. 110, p. 1538, May 7, 1938.
- VON LACKUM, WILLIAM H.: A special bone retractor for subtalar arthrodesis. J. Bone & Joint Surg., v. 20, p. 219, January 1938.

#### Book Published

FERGUSON, ALBERT B.: Roentgen Diagnosis of the Extremities and Spine. N. Y. Paul Hoeber.

### Papers Accepted for Publication

- GEORGE, EVERETT M. and FARRELL, BENJAMIN P.: The decline in incidence of tuberculosis of bones and joints. Accepted by American Journal of Surgery.
- George, Everett M.: Spondylolisthesis. Accepted by Surgery, Gynecology & Obstetrics.
- Hallock, Halford: A study and end-result report of seventy arthroplasties and reconstruction operations on the hip joint. Accepted by Surgery, Gynecology & Obstetrics.

### Papers Read

- HALLOCK, HALFORD: Why good posture? Radio broadcast under the auspices of the New York Academy of Medicine, April 12, 1938.
- Howorth, M. Beckett: Echinococcus cyst of the femur: report of a case treated by excision and implantation of bone chips, 1932-1938. Read at the New York Academy of Medicine, Section of Orthopedic Surgery, April 15, 1938.
- Howorth, M. Beckett: Fracture of the spine treated by fusion opera-

- tion. Read at the Annual Meeting of the New York State Medical Society, May 9, 1938.
- Howorth, M. Beckett: Low back pain. Read at the West Side Clinical Society, November 1938.
- Howorth, M. Beckett: Evolution of the spine fusion. Read at the New York Academy of Medicine, Section of Orthopedic Surgery, December 16, 1938.
- Howorth, M. Beckett: Abnormalities of the lumbo-sacral region. Read at the Roosevelt Hospital Staff Meeting, December 1938.
- Howorth, M. Beckett: Congenital dislocation of the hip. Read at the monthly meeting of the Physicians and Surgeons Society, November 1938.
- LIEBOLT, FREDERICK L.: Panastragalar arthrodesis. Read at the New York Academy of Medicine, Section of Orthopedic Surgery, April 15, 1938.
- SMITH, ALAN DEFOREST: Low back pain. Broadcast under the auspices of the New York Academy of Medicine, June 28, 1938.
- SMITH, ALAN DEFOREST: "Sciatic" pain, its differential diagnosis and treatment. Read at the New York Academy of Medicine, December 9, 1938.
- SMITH, ALAN DEFOREST: Surgical treatment of scoliosis. Read at the Halstead Club, December 3, 1938.
- SMITH, ALAN DEFOREST: Sciatica. Read at the Waterbury Connecticut Medical Society, March 10, 1938.
- Toumer, James W.: What can be done for the victim of infantile paralysis? Radio broadcast under the auspices of the New York Academy of Medicine, January 18, 1938.

Thesis for the Degree of D. Sc. (Med.) From Columbia University.

THOMPSON, FREDERICK R. Plantar flexed talus. 1938.

Respectfully submitted,

Benjamin P. Farrell, Surgeon-in-Chief.

TABLE No. 1

# Summary of New and Old Cases — January 1, 1938, to December 31, 1938

					_	
1938 DIAGNOSES	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
DISEASES OF THE BODY AS A WHOLE (INCLUDING DISEASES OF THE PSYCHE AND OF THE BODY GENERALLY)	441	27	164	250	101	542
DISEASES OF THE INTEGUMENTARY SYSTEM	429	3	95	331	12	441
DISEASES OF THE MUSCULO-SKELETAL SYSTEM; Bones: Prenatal influence:						
Absence of bone part.  Hemivertebra. Scoliosis due to Hemivertebra. Deformity. Dyschondroplasia. Exostosis, Multiple. Fusion defects:	3 1 1 11 4 1	6	1 1 1 4 4 1	1	5 9 6 1	8 10 1 17 5 1
Accessory bone—Os tibiale externum. Spina Bifida. Spondylolisthesis. Spondylolysis. Vertebral arch Hypoplasia. Misplacement of bone Osteogenesis imperfecta Segmentation, incomplete Shortening. Supernumerary-cervical rib.	17 4 21 2 2 1 1 1 8 3	1 3	9 3  1 4 1	8 1 21 2 2 2	5 1 34  4 1	22 5 55 2 2 1 4 2 1 9 4
Diseases due to infection: Abscess. Osteomyelitis. Periostitis. Tuberculosis.	5 17 3 2	• • • • •	2 4 1 2	3 13 2	3 65 3 3	8 82 6 5
Diseases due to trauma:    Avulsion of epiphysis.    Calcification.    Contusion.    Deformity following fracture.    Dislocation.    Exostosis.    Fracture.    Growth, arrest, following fracture.    Hematoma, tibia.    Injury.    Malunion.    Necrosis.    Non-union.    Osteoporosis.    Periostitis.    Diseases due to circulatory disturbances.    Diseases due to mechanical abnormality of unknown origin.    Diseases due to disorders of metabolism, growth or nutrition.    New growths.	2 5 12 8 3 107 194 2 1 1 22 14 1 5 2 3 3 3 3 3 3 107 194 2 2 3 3 3 3 3 107 107 107 107 107 107 107 107 107 107	12  1  1	2 2 2 5 5 2 2 2 2 0 51 2  1 3 1  1 6 2  1 6 2  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	37 76 187 131 1 20 111 5 2 297 1 3 7	1 4 2 37 154 2 5 7 155	2 5 13 12 5 144 348 4 1 27 21 1 20 23 37 5 10 50 34
Diseases due to unknown cause: Atrophy, lower leg. Cyst of femur. Deformity of pelvis (Otto). Epiphyseolysis, upper femoral. Hypertrophy of tibia. Osteitis deformans (Paget's). Osteochondritis dissecans.	2 1 8 2 8 9	1	7 1 1 4	i i ,	1 33	2 1 1 41 2 8 17

### TABLE No. 1-Continued

# Summary of New and Old Cases - January 1, 1938, to December 31, 1938

1938 DIAGNOSES	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
Osteochondrosis: Calcaneus. Carpal lunate (Kienboch). Coxa plana (Legg-Perthes). Infraction, metatarsal head. Morton's toe. Ribs. Tarsal navicular (Koehler). Tibial tubercle (Osgood-Schlatter). Osteoporosis. Round back. Tibia vara.	17 1 9 4 15 1 1 33 1 55 22	1 17	13 5 3 2 1 1 30 35	1 1 13  3 1 19 2	1 1 37 2  17	18 2 46 4 17 1 1 50 1 87 36
Joints: Prenatal Influence: Contracture of ligaments. Deformity, miscellaneous. Exaggerated lumbosacral angle. Impinging spine. Talipes. Transitional lumbosacral joint. Unstable lumbosacral joint with posterior displacement. Dislocation. Discoid lateral meniscus. Hammer toe. Relaxation of ligaments—weak feet.	44 444 2 1 71 41 513 53 29 2 31 1626	60	1 16  5 2 6  7 1 9 859	16 2 1 6 39 507 53 13 1 21 426	203 32 191 22 128	4 61 2 1 274 73 704 75 157 2 49 2145
Diseases due to infection: Ankylosis. Arthritis. Deformity. Synovitis. Tuberculosis.	10 415 22 7 34	4 2 1 2	3 17 9 3 8	7 394 11 3 24	23 83 9	33 498 31 7 341
Diseases due to trauma: Ankylosis. Arthritis. Contracture. Deformity. Dislocation. Hammer toe. Hemarthrosis. Hypertrophic fat pad. Injury. Detachment of medial meniscus. Torn medial meniscus. Pseudarthrosis of spine fusion. Strain of ligaments. Synovitis. Thinning of intervertebral disc. Torn ligaments. Diseases due to disturbances of innervation or of psychic control Diseases due to or consisting of mechanical abnormality of unknown origin. Diseases due to disorders of metabolism, growth or nutrition.	3 30 13 47 38 3 16 25 66 61 125 19 3 282 41 18	1 1 1 7	3 4 11 3  4 2 3  46 17	3 27 9 35 32 3 12 23 63 117 117 122 235 24	102 3 19 102 3 19  54 34	7 32 16 57 52 21 1 3 16 25 168 4 144 19 3 336 75
Diseases due to unknown cause: Claw foot. Claw foot due to Friedreich's ataxia Deformity. Flat foot.	80 6 18 139	1 2 5	32 3 10 44	47 3 6 90	71 1 65	151 7 18 204

### TABLE No. 1-Continued

# Summary of New and Old Cases — January 1, 1938, to December 31, 1938

1938 DIAGNOSES	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
	_Z		4		L. C.	-
Flat foot with plantar flexed talus. Genu valgum Hallux rigidus. Hallux valgus. Herniation of intervertebral cartilage. Hydrarthrosis. Osteoarthritis. Scoliosis.	88 32 332 25 4 810 193	57	30 1 15  1 4 125	31 317 25 3 806 64	21 6 159 1 325 478	109 38 491 26 4 1135 671
Synovitis	65	3	13	49	22	87
Bursae	175	• • • •	3	172	31	206
Muscles: Prenatal influence: Absence of. Obstetrical paralysis. Torticollis.	1 21 28	10 12	1 10 12	1 4	78 80	1 99 108
Diseases due to trauma: Contracted calf. Myositis, occupational. Rupture.	1662 8 21	4	216	1442 8 19	960 i	2622 8 22
Diseases due to disturbances of circulation or of psychic control: Flaccid paralysis. Flaccid paralysis due to poliomyelitis. Intermittent claudication. Spasm. Spastic paralysis. Torticollis, ocular.	7 73 2 13 88 4	1 7 	1 31 6 38	5 35 2 7 16	853 5 128	10 926 2 18 216 4
Diseases due to unknown cause: Myositis	28 7		1 4	27	8	36 8
Tendons	115		6	109	13	128
Fascia	263		16	247	18	281
DISEASES OF THE RESPIRATORY SYSTEM	4	1	1	2		4
DISEASES OF THE CARDIOVASCULAR SYSTEM	141		2	139	6	147
DISEASES OF THE HEMIC AND LYMPHATIC SYSTEMS	5	1	1	3		5
DISEASES OF THE URO-GENITAL SYSTEM	3			3		3
DISEASES OF THE ENDOCRINE SYSTEM	1	1				1
DISEASES OF THE NERVOUS SYSTEM: General Brain Spinal cord Peripheral	16 16 5 53	1	1 2 3 4	15 12 1 49		19 16 5 56
Examination None	24		2	22		24
No Orthopaedic Condition	58	21	17	20		58
Non-Diagnostic	23	2	2	19		23
Тотац	10237	718	2258	7261	5854	16091

#### TABLE No. II

# Dispensary Report January 1, 1938 to December 31, 1938

New Cases Treated in Dispensary	10,237
Revisits to Dispensary Surgeons	34,201
Number of Visits to Massage Department.	18,732
Number of Visits to Physiotherapy Department.	21,765
Number of Visits to Scoliosis Clinic.	1,915
Number of Visits to Club-Foot Clinic.	1,553
Number of Visits to Follow-up Clinic	2,140
Number of Visits to Dental Department.	2,629
Total Visits	93,172
Total Visits	

# TABLE No. III

# Hospital Report — January 1, 1938 to December 31, 1938

TYPE OF CASE  Diseases of the Body as a Whole: Regional Diseases: Diseases due to prenatal influence: Pilonidal sinus. Supernumerary fingers.  1 2	Total
Regional Diseases: Diseases due to prenatal influence: Pilonidal sinus	2
Regional Diseases: Diseases due to prenatal influence: Pilonidal sinus. 1	2
Diseases due to trauma:  Contusion of knee	
Cyst of Popliteal Space	2
Ganglion of wrist	6
New growths 6	0
Diseases of the Skin and Subcutaneous Areolar Tissues: Diseases due to prenatal influence: Accessory nails	1
Diseases due to infection: Cellulitis of finger	1
Furuncle of thumb.	1
Paronychia, first toe.	i
Diseases due to trauma:  Burn of hand. 1  Cicatricial contracture of thigh. 4 1  Clavus. 2	1
Cicatricial contracture of thigh	5 2
Clavus. 2	4
Clavus	4
Xanthoma of foot	1
DISEASES OF THE MUSCULO-SKELETAL SYSTEM: Bones: Diseases due to prenatal influence: Absence of fingers	1
Absence of fingers	2
Chondrodystrophy	2
Coxa vara	3
Exostosis, multiple	1 2
Spina Bifida	6
Spondylolysis	16
Spondylolisthesis	1
Incomplete segmentation, radius and ulna	1
Shortening of femur	1
Abscess of bone 4 Deformity of tibia 2	4 2
Deformity of tibia	ī
Osteomyelitis 13	13
Tuberculosis: Femur	1
Os Calcis	1
Diseases due to trauma or physical agents: Deformity of bone	5
Dislocation	í
Exostosis 43 1	44
Fracture 55 2	58
Injury to coccyx	5
Non-union of bone following fracture 5 1 5	6
Mal-union of bone following fracture	7
Periostitis	1
Shortening of leg due to poliomyelitis	7

# TABLE No. III—Continued

# Hospital Report — January 1, 1938 to December 31, 1938

TYPE OF CASE	Cured	Improved	Unimproved	Died	Transferred to Other Hospital	Total
Diseases due to mechanical abnormality of unknown origin: Recurrent dislocation of patella. Diseases due to disorders of metabolism, growth or nutrition: Deformity of capital epiphysis of femur. Executive of spine due to estromalacia		5 2				5
Ostelitis fibrosa cystica of humerus		1 1 8			i	1 1 9
Diseases due to unknown cause: Epiphyscolysis. Osteitis deformans of tibia (Paget's disease). Osteochondritis dissecans. Osteochondrosis. Round back. Tibia vara.		8 1 6 10 2 4	1			8 2 6 11 2 4
loints: Diseases due to prenatal influence: Contracture of ligaments of toe		1				1
Deformity of joint  Exaggerated lumbosacral angle  Fifth toe varus  Hammer toe  Talioes		6 3 11 19	1 1 1 1 1 1 1		1	8 1 3 12 19
Transitional lumbosacral joint. Unstable lumbosacral joint. Unstable lumbosacral joint with posterior displacement Discoid lateral meniscus. Dislocation.		9 70 11 3 31	17		i	10 87 14 3 35
Scoliosis.  Weak feet.  Diseases due to infection:  Ankylosis.		9	i			2 10 3
Arthritis. Contracture. Deformity. Dislocation.		16 2 24 2	2 1 3			18 3 27 2
Synovitis. Tuberculosis. Diseases due to trauma: Ankylosis.		67	6		6	1 79 4
Arthritis. Contracture. Deformity. Detachment of medial meniscus.		3 17 11	3			5 3 20 11
Dislocation. Dislocation, recurrent Drop foot. Fifth toe varus.		6 8 i	1 1 1			6 9 1
Hammer toe Injury to medial meniscus. Injury to intervertebral disc. Pseudoarthrosis of spine fusion.		8 3 1 9				2 8 3 1 9
Strain of lumbosacral joint. Synovitis of knee. Torn ligaments. Torn medial meniscus.		1 10 30	i			4 1 10 31
Diseases due to disturbance of innervation or psychic control:  Deformity of joint due to poliomyelitis  Claw foot  Drop foot  Flail joint	1	26 15 2 17	1 1 1		1	27 17 3 18
Drop foot. Plail joint. Scoliosis. Talipes. Deformity of joint due to spastic paralysis.		63	2		····ż	17 67 6

# TABLE No. III—Continued

# Hospital Report — January 1, 1938 to December 31, 1938

TYPE OF CASE	Cured	Improved	Unimproved	Died	Transferred to Other Hospital	Total
Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. Loose body in knee. Snapping thumb. Diseases due to unknown causes with manifest structural reaction:		1 6 1		• • • •		1 6 1
Claw foot. Claw foot due to Friedreich's ataxia. Deformity. Flat foot. Genu valgum. Hallux rigidus. Hallux valgus. Herniation. Intervertebral cartilage. Osteoarthitis. Scoliosis. Spastic flat foot. Synovitis of hip.		14 3 7 3 1 2 84 1 12 19 48 2	3 1 2  2 2 2		i 6 1	17 4 9 3 1 4 87 1 12 25 52 3 1
Bursae		19	• • • •			19
Muscles: Diseases due to prenatal influence: Hypertrophy of scalenus muscle. Obstetrical paralysis. Torticollis. Diseases due to trauma: Contracture. Myositis. Diseases due to disturbance of innervation or psychic control: Flaccid paralysis of muscle due to poliomyelitis. Peroneal spasm. Spastic paralysis of muscle.  Tendons and fascia: Contracture of fascia lata. Dupuytren's contracture. Tenosynovitis Torn tendons of wrist Trigger finger. Tuberculous Tenosynovitis of second finger. Tumor of fourth finger.		1 11 22 8 2 2 2 35	· · · · · · · · · · · · · · · · · · ·		2	1 12 23 8 2 2 39
Trigger finger Tuberculous Tenosynovitis of second finger		1			• • • •	1
Tumor of fourth finger		i				i
DISEASES OF THE CARDIOVASCULAR SYSTEM		2				2
DISEASES OF THE URINARY SYSTEM					1	1
DISEASES OF THE NERVOUS SYSTEM: Division of ulnar nerve Neuritis of digital nerve. Neuroma of external saphenous nerve Meningitis, staphylococcus. Meralgia Paresthetica. Sclerosis Sciatica. Tumor.		1 1	1 1 2 1	i		1 1 1 2 2 3 2
Totals	23	1133	88	1	25	1270
Number of patients on Ward, January 1, 1939 Number of patients in Private Pavilion, January 1, 1939						88 9
Total						1367

# TABLE No. IV

# Report of Operations, January 1, 1938 to December 31, 1938, Inclusive

	Tanana and an anatomic (C. at a b
REGIONS AND INTEGUMENTARY	JOINTS AND LIGAMENTS (Continued)
System	Capsulorrhaphy
	Division of Adhesions 1
Amputation of Fingers and Toes 35	Division of Ligaments
Aspiration	Division of Ligaments
Aspiration of Abscess	Drainage
Drainage of Abscess 23 Excision of Clavus 7	Excision 69
Evaluation of Clarace 7	Exploration
Excision of Ganglion or Cyst	Fusion
	Fusion. 255 Injection of Medicament. 4 Insertion of Greater Trochanter into
Excision of Neoplasm	Incoming of Constant Transporter into
Excision of Scar	Insertion of Greater Programmer into
Excision of Sinus Tract	Acetabulum (Colonna)
Exploration 6	Manipulation 21
Exploration	Manipulation. 21 Needling 1
Incision of Skin	Plastic Correction for Hallux Valgus
Injection of Medicament	(Lapidus)
Needling 1	(Lapidus)
Onychectomy	Plastic Correction for Hallux Valgus
Onychectomy, Partial	(McElvenny)
Plastic Correction for Syndactylism 1	Plastic Correction for Hallux Valgus
Diagric Dancie	(Silver)
Plastic Repair 2 Removal of Foreign Body 1	Plastic Correction for Recurrent Dis-
Removal of Foreign body	location of Shoulder (Henderson) 1
Removal of Granulation Tissue	Plication of Capaula
Skin Graft. Pedicle	Plication of Capsule4
Skin Graft, Thiersch	Reduction of Dislocation, Closed 10
Skin Graft Whole Thickness	Plastic Correction for Hallux Valgus (Silver)
Removal of Granulation Tissue	Release of Internal Rotation Deformity
Skin Graft, 2 Flap	of Shoulder (Sever) 5
Suture of Pedicle Graft	Release of Contracture of Hip (Durham
_	Procedure)
Bones	Procedure) 8 Release of Contracture of Toe (Lantzounis
Bionsy 2	Release of Contracture of Toe (Lantzounis
	Procedure)
Coccygectomy11	Procedure) 17 Release of Contracture 2
Coccygectomy 11 Curettage of Bone and Packing Cavity	Removal of Herniation of Intervertebral
with Bone Chips	Cartilage
Curettage of Infected Bone	Cartilage
Drainage of Abscess 6	Denis (Line)
Drillings55	Repair of Joint with Fascia
Excision	Repair of Joint with Fascia
	Resection
Excision, Partial	Revision of Arthrodesis
Excision of Neoplasm	Revision of Fusion
Exostectomy	Sequestrectomy
Exploration 4	Shalf Stabilization of I I'm
Injection of Medicament	Shelf Stabilization of Hip
Exploration	Synovectomy 4
insertion of Pin, Nail of whe litto Done.	) / · · · · · ·
Laminectomy	Muscles
Lengthening 2	Injection of Medicament
Manipulation	Lengthening 6
Osteotomy 50	Myotomy
Osteotomy Partial 3	Management Change Managed 12
Deduction of Frontier Closed	Myotomy, Sterno-Mastoid. 13 Release. 15
Osteotomy         50           Osteotomy         Partial         3           Reduction of Fracture         Id           Reduction of Fracture         8           Reduction of Fracture         8	Myotomy
Reduction of Fracture, Open	1 Stretching Closed
Removal of Bone Chips	Suture 1
Removal of Bone Grafts 7	Transplant 2
Removal of Foreign Bodies 8	
Removal of Loose Degenerated Cartilage 2	Bursae
Repair of Non-Union of Fracture with	
Bone Chips	Aspiration
Bone Chips	Breaking of Adhesions in Subdeltoid
Repair of Non-Union of Fracture with	_ Bursa 6
Bone Graft	Drainage 1
Repair of Non-Union of Fracture with	Excision
Plate 5	Injection
Resection	Injection
Control	Irrigation 24
Sequestrectomy	Т
Desamon de la constant de la constan	TENDONS AND FASCIA
Transplant 2	Division of Fascia
JOINTS AND LIGAMENTS	Division of Tendon
	Excision of Fassis
Arthrodesis	Excision of Fascia
Arthropiasty	Division of Tendon 9 Excision of Fascia 2 Excision of Tendon Sheath 5
Arthroplasty	Exploration of Lendon
Aspiration of Pus	Excision of Fascia   2
Biopsy 2	Fasciotomy, Plantar
p-,	12

# TABLE No. IV—Continued

# Report of Operations, January 1, 1938 to December 31, 1938, Inclusive

TENDONS AND FASCIA (Continued)   Graft of Tendon	Neurectomy
Release of Contracture of Tendon Sheath   5   Removal of Fascia   2   Resection of Tendon   1   Stabilization of Shoulder (Nicola)   7   Tenotomy   21   Transplant   216   Nervous System   Division   4   Exploration   3   3	Miscellaneous

TABLE No. V

Pathological Laboratory Report of Examinations

Made From January 1, 1938 to December 31, 1938

- Iviaut 110m junuary	1, 17,00 10		, 1930	
EXAMINATION	Hospital	Private Pavilion	Dispensary	Country Branch
Blood Examinations:  Bleeding Time  Blood Agglutination for Typhoid  Blood Calcium  Blood Chloride	5 3 4	1 2 2	1 5	1
Blood Cholesterol Blood Cozgulation Time Blood Compatibility Blood Count Blood Creatinine	5 236 492	1 7 105	1 1 7 242	
Blood Kahn Blood Kline Blood Phosphatase Blood Phosphorus Blood Sedimentation Rate Blood Sugar Blood Typing Blood Urea Blood Uric Acid Blood Wassermann	23 180 3 3 67 15 573 4	1 18 3 3 41 4 20 5 3	74 719 5 5 316 2 2 2 26 56	1 14
CULTURE EXAMINATIONS: Blood. Miscellaneous. Mouth. Nose and Throat. Sputum. Urine.	3 266 5	2 21 3 16	20 186	2 2 1
Gastric Analysis	1	2	2	
GONOCOCCUS COMPLEMENT FIXATION		1	5	
Guinea Pig Inoculation	62	4	1	
Mantoux Test	30	3	140	
Schick Test	22		5	
SMEAR EXAMINATIONS: Pus for Tubercle Bacilli Sputum for Tubercle Bacilli Vaginal for Gonococci Miscellaneous	11 188 1	1	119	
Spinal Fluid Examinations: Cell Count. Colloidal Gold. Globulin Total Protein. Wassermann.	1 91	16 1 16 16 9		

#### TABLE No. V-Continued

### Pathological Laboratory Report of Examinations Made From January 1, 1938 to December 31, 1938

EXAMINATION	Hospital	Private Pavilion	Dispensary	Country Branch
Stool Examinations: Blood Ova and Parasites Routine	3	10		
Tissue Examinations: Autopsy Frozen Section Routine	16 310	2 32		
URINE EXAMINATIONS: Bence Jones Protein. Mosenthal. Phenolsulphonphthalein. Routine. Yeast Fermentation.	1 2	1 306	55	
Vaccines: Autogenous Typhoid Vaccines given	3	10	22 45	
Totals	5,636	691	2,064	21

Total Examinations 8,412

#### TABLE No. VI

#### Department of Roentgenology—Dispensary and Hospital Report from January 1, 1938 to December 31, 1938

Number of Patients Roentgenographed	10,304
Number of Roentgenograms Made	21,071
Number of Dental Films Used	2,051
Number of Patients Photographed.	286
Number of Roentgen Therapy Treatments	1,716
Number of Alpine Light Treatments.	9

#### TABLE No. VII

#### Dental Department, Dispensary and Hospital Report from January 1, 1938 to December 31, 1938

Number of Examinations	1,092
Number of Extractions.	441
Number of Treatments.	35
Number of Fillings.	726
Number of Prophylactic Treatments.	581

### TABLE No. VIII

# Report of the Brace Shop January 1, 1938 to December 31, 1938

Braces and Appliances Made:	
Spinal Braces	124
Arm Braces	15
Belts	263
Ankle Braces	51
Leg Braces	69
Insoles, Single	2,012
Miscellaneous	298
Total	2,832
Braces and Appliances Repaired	3,428

TABLE No. IX

Summary of Cases—Country Branch
January 1, 1938 to December 31, 1938

<i>January</i> 1, 17.		707 31, 1730		
TYPE OF CASE	In C. B. Jan. 1, 1938	Total Admitted	Total Discharged	In C. B. Dec. 31, 1938
Musculo-Skeletal System				
Bones				
Diseases Due to Prenatal Influence: Hemivertebra	1 2 0 0	0 8 1 2 1	1 7 0 1 1	0 3 1 1 0
DISEASES DUE TO INFECTION:				
Osteomyelitis—Femur	2 0 0 1	0 3 1 0	2 2 0 1	0 1 1 0
Description Description				
Piseases Due to Trauma: Fracture of Dorsal Spine. Fracture of Pelvis. Fracture of Humerus. Fracture neck of Femur. Fracture of OsCalcis. Deformity following fracture—Spine. Osteoporosis following fracture—Femur Non-union following fracture—Femur.	2 0 1 1 1 0 1	1 1 1 1 0 2 0 2	3 1 2 2 1 2 1 2	0 0 0 0 0
Non-union following fracture—Both Tibiae	0	1	1	0
Non-union following fracture—Fifth Metatarsal Dislocating Patella	0 1	1 0	1 1	0
Diseases Due to Circulatory Disturbance: Coxa Plana	1	0	1	0
DISEASES DUE TO MECHANICAL ABNORMALITY OF UNKNOWN ORIGIN: Recurrent dislocation of Patella	0	2	2	0
DISEASES DUE TO DISTURBANCE IN GROWTH: Deformity of Capital Epiphysis Deformity of Tibia	0 0	2 1	1 1	1 0
DISEASES DUE TO UNKNOWN OR UNCERTAIN  CAUSES:  Ostoochoodrosis	2	2	4	1
Osteochondrosis. Slipped Epiphysis.	5	9	13	1

# TABLE No. IX-Continued

# Summary of Cases—Country Branch January 1, 1938 to December 31, 1938

TYPE OF CASE	In C. B. Jan. 1, 1938	Total Admitted	Total Discharged	In C. B. Dec. 31, 1938
Joints				
DISEASES DUE TO PRENATAL INFLUENCE: Unstable Lumbo-sacral Joint	,	_	10	
Scoliosis due to Hemivertebra	4	6	10 2	0
Transitional Lumbo-sacral Joint	ĭ	ó	ī	Ô
Posterior Displaced Fifth Lumbar	0	11	9	2
Unstable Fifth Lumbar Transitional Fifth Lumbar	0	13	10	3
Congenital Dislocation of Hips	0 10	3 18	20	1 8
Congenital Club Feet	2	12	9	5
Congenital Claw Foot	1	1	2	Ō
DISBASES DUB TO INFECTION:				1
Multiple deformities due to Arthritis.	1	2	3	0
Deformity of Hip due to Suppurative	_	_		
Arthritis	2	4	3	3
Deformity of Knee due to Suppurative	1	3	4	0
Chronic Rheumatoid Arthritis	4	2	4	2
Deformity of Spine due to Rheumatoid		_		
Arthritis	0	1	1	0
Flexion Deformity of Hip due to Rheumatoid Arthritis	0	2	1	1
Flexion Deformity of Knee due to	Ŭ	-	1	_
Rheumatoid Arthritis	0	1	0	1
Flexion Deformity of Ankle due to	0	,	,	0
Osteomyelitis	0	1	1	0
Osteomyelitis	0	1	1	0
Tuberculosis of Spine	14	11	20	5
Tuberculosis of Shoulder	1 0	2 2	2 2	1 0
Tuberculosis of Hip		11	16	4
Tuberculosis of Knee	9	9	7	5
Tuberculosis of Ankle.	2	2	3	1
Tuberculosis of Subtalar Joint	0	1	1	0
Diseases Due to Trauma or Physical Agent:				
Pseudoarthrosis of Spine Fusion	1	5	5	1
Dislocation of Lumbar Vertebra	1	0	1	0
Fibrous Ankylosis Shoulder Fracture Tibia and Fibula	1	0	1 1	0
Mal-union after Fracture Tibia	0	1	1	ő
Deformity due to absence of Calcaneal				
Tendon due to fracture	0	1	1	0

# TABLE No. IX—Continued Summary of Cases—Country Branch January 1, 1938 to December 31, 1938

TYPE OF CASE	In C. B. Jan. 1, 1938	Total Admitted	Total Discharged	In C. B. Dec. 31, 1938
Varus deformity of Ankle	1 0 0 0	1 1 1 1	1 0 0 1	1 1 1 0
Radium Burn. Deformity of Foot. Synovitis of Hip.	0 0 1	1 1 0	1 1 1	0 0 0
DISEASES DUE TO DISORDERS OF GROWTH OR NUTRITION:  Developmental defect Lumbar Spine Rachitic Knock-knees	0 1	1 0	0 1	1 0
DISEASES DUE TO UNKNOWN OR UNCERTAIN CAUSES: Osteoarthritis Multiple. Tibia Vara. Herniation of Intervertebral Cartilage. Herniation of Intervertebral Disc. Scoliosis. Osteoarthritis Lumbo-sacral Joint. Osteoarthritis of Hip. Flexion Contracture Knee due to Hemophilia. Claw Feet. Claw Feet due to Friedreich's Ataxia. Hallux Valgus. Equino-varus Foot.	0 0 0 0 15 0 2 0 5 0 2	1 4 2 1 40 1 2 1 6 1 3	0 4 1 1 35 1 4 1 11 1 5	1 0 1 0 20 0 0 0
Muscles  Diseases Due to Prenatal Influence: Weak Feet	2 1	4 0	5 1	1
Obstetrical Paralysis  Diseases Due to Infection: Acute Poliomyelitis	2	0	4	1
DISEASES DUE TO TRAUMA: Contracted Calves	0	2	2	0
DISEASES DUE TO INNERVATION: Flaccid Paralysis due to Poliomyelitis Scoliosis due to Poliomyelitis Claw Feet due to Poliomyelitis Spastic Paralysis	18 2 2 4	100 6 8 29	86 7 6 20	32 1 4 13

#### TABLE No. IX-Continued

# Summary of Cases—Country Branch January 1, 1938 to December 31, 1938

TYPE OF CASE	In C. B. Jan. 1, 1938	Total Admitted	Total Discharged	In C. B. Dec. 31, 1938
DISEASES DUE TO UNKNOWN CONDITIONS: Progressive Ossifying Myositis. Hereditary Sclerosis of Spine. Claw Feet. Flat Feet. Spastic Flat Feet. Right Sciatica.  Hemic System	0 0 0 1	1 1 5 4 0	0 1 4 4 1 0	1 0 1 0 0
Disbases of the Blood: Hemophilia	1	0	1	0
Diseases Due to Infection: Common Cold	0	18	18	0
	153	423	440	136
Number of patients under two years of age treated.  Number of patients from two to sixteen treated.  Number of patients over sixteen treated.  Number of patient days.  Number of patients per day.  Number of massage treatments.				10 209 204 58,718 161.8 4,903

#### TABLE No. X

# Department of Roentgenology—Country Branch Report from January 1, 1938 to December 31, 1938

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00
18
24
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#### TABLE No. XI

# Dental Department—Country Branch Report from January 1, 1938 to December 31, 1938

Number of Examinations.	198
Number of Extractions.	42
Number of Treatments.	98
Number of Fillings	742
Number of Prophylactic Treatments.	372

#### REPORT OF THE SUPERINTENDENT

To the Board of Trustees,

New York Orthopaedic Dispensary and Hospital.

#### GENTLEMEN:

I have the honor to submit the report of the Superintendent for the year 1938.

The expenses for the hospital in the city and the Country Branch for the year 1938 were more than in 1937, while our income for the year was less than a year ago. This is one of the problems we have to face in the future if we are to carry on the work in the same manner, with income from endowments decreasing each year and voluntary contributions falling off. Following my report you will find the financial statements for the year 1938.

During the year new equipment was purchased to meet the requirements in different departments, among them a new gas stove for the kitchen in the hospital, a four roll mangle and three presses for the laundry in the Country Branch. A complete moving picture outfit was given us by one of the Trustees.

The usual repairs and painting have been done in both hospitals. New screens were added in both hospitals to replace worn ones. The maintenance of screens is a big item of expense as well as care and labor. Much work was done on the elevators in the hospital in the city.

Many changes have taken place in the treatment given the patients in the hospital in the last ten years. The type of patient has changed very much, due largely to care given the public by health centers, preventive medicine, and so forth. We are endeavoring at all times to improve the service rendered the patient. During the year there were 34,401 patient days in the hospital in the city, at a per capita cost of \$6.29. At the Country Branch there were 58,718 patient days, at a per capita cost of \$3.54.

In May of this year, for the first time, an alumnae meeting was held at the hospital of the nurses who have completed a course in orthopedic nursing, and one hundred and twelve nurses were able to attend. This nursing course has proved itself a valuable adjunct to orthopedics and the care of the patient.

During the summer months, through the generosity of Mr. and Mrs. Edward S. Harkness, we sent forty-five children to Dorcas House. This is a very lovely home on their estate in New London. To the friends of the hospital who have given their time and money we are most grateful. I wish to thank all those who are working with me at the hospital and Country Branch for their devotion to their work and their loyalty to the institution.

Respectfully submitted,
Theodora S. Root,
Superintendent.

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

# BALANCE SHEET, DECEMBER 31, 1938 (On Basis of Cash Receipts and Disbursements)

ASSETS		
ENDOWMENT AND OTHER NONEXPENDABLE FUNDS ASSETS (CONSOlidated):		
Bonds and stocks (approximate amount at market quotations, \$3,038,500)		\$ 3,581,585.18
those on which interest is in arrears		1,692,966.50
Real estate: In vicinity of City Dispensary and Hospital Other	\$ 396,911.53 621,785.83	1,018,697.36
Cash awaiting investment		105,410.53
Total endowment and other nonexpendable funds assets		6,398,659.57
PLANT: Land, buildings and equipment, at book amounts (no allowance for depreciation): City Dispensary and Hospital	2,311,289.00	2 426 254 61
Country Branch	1,124,965.61	3,436,254.61
CURRENT FUNDS ASSETS: Bonds (approximate amount at market quotations, \$557,700) Advances for petty cash	543,640.46 1,500.00 3,000.00 31,509.09	
Total current funds assets		579,649.55

Total assets	\$10,414,563.73

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

### BALANCE SHEET, DECEMBER 31, 1938 (On Basis of Cash Receipts and Disbursements)

FUNDS AND L	IABILITIES		
ENDOWMENT AND OTHER NONEXPENDABLE FUNDS (Beds and rooms endowed in perpetuity (income us	sed for hospital		\$ 508 342 80
expenses)		\$ 744,596.03	\$ 598,342.80
Emily A. Watson fundOther	\$2,005,642.21 40,300.00	2,045,942.21	
Restricted as to use of income: Annie C. Kane fellowship fund Statira Bridgman fund	1,000,000.00 2,500.00	1,002,500.00	3,793,038.24
Unrestricted funds functioning as endowment: Legacy under will of Caroline A. James Other		1,102,256.62 905,021.91	2,007,278.53
Total endowment and other nonexpendable	e funds		6,398,659.57
Capital Invested in Plant			3,436,254.61
CURRENT FUNDS AND LIABILITIES:  Restricted expendable funds:  Annie C. Kane fellowships for surgeons  Research fund		152,988.48 62,552.56 207.27	
		215,748.31	
General: Liabilities: Deposits for security on leases Deferred income, United Hospital Fund	\$ 585.00 4,391.78		
	\$ 4,976.78		
Surplus: Appropriated: Reserve for plant betterments Emergency relief Superintendent's special account	\$ 244,974.82 5,577.92 774.19		
Unappropriated, per statement attached	251,326.93 107,597.53		
	\$ 358,924.46	363,901.24	
Total current funds and liabilities			579,649.55
Total funds and liabilities			\$10,414,563.73

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL DEERING Howe, Treasurer

# STATEMENT OF INCOME AND UNAPPROPRIATED SURPLUS FOR YEAR ENDED DECEMBER 31, 1938 (On Basis of Cash Receipts and Disbursements)

INCOME: Investment securities and rented properties	\$272,520.17	
Less, Amount apportioned to restricted expendable funds	38,572.09	\$233,948.08
Patients' board, professional care, etc City aid Donations. United Hospital Fund. Special contributions. Free beds annually endowed. Miscellaneous.		187,719.62 147,130.87 19,523.03 24,154.78 7,608.25 2,836.75 8,856.93
Total income		631,778.31
Expenses:  Professional care of patients  Less, Amount allocated from restricted expendable fund, Annie C. Kane fellowships for surgeons	256,672.17 7,000.00	1
Household and property	249,672.17 263,356.10 72,638.33	
Total expenses.		585,666.60
Net income for year 1938		46,111.71
Appropriations: Reserve for plant betterments Emergency relief	37,410.32 5,000.00	42,410.32
Net income for year 1938 after appropriations		3,701.39
Unappropriated Surplus, December 31, 1937		97,000.45
Profit on Sales of Current Funds' Investments in 1938		6,895.69
Unappropriated surplus, December 31, 1938		\$107,597.53

#### AUDITORS' REPORT

New York Orthopaedic Dispensary and Hospital, New York, New York.

We have made an examination of the balance sheet of the New York Orthopaedic Dispensary and Hospital as at December 31, 1938, and of the related statement of income and unappropriated surplus for the year 1938. These statements were prepared from the accounts kept by the custodian, Central Hanover Bank and Trust Company, on the basis of cash receipts and disbursements.

In connection with such examination, we examined or tested accounting records maintained for the institution by the custodian, and other supporting evidence, and obtained information and explanations from officers and employees of the custodian; we also made a general review of the operating and income accounts shown on the books kept by the custodian for the year, but we did not make a detailed audit of the transactions or of the accounting records maintained at the City Dispensary and Hospital and the Country Branch except to substantiate the remittances by the institution to the custodian and remittances from the custodian to the institution as recorded by the custodian, and to account for the advances for petty cash and special nurses shown on the books kept by the custodian. Our examination of the income from patients, city aid, contributions and other sources received by the institution and remitted to the custodian was limited to comparison of the total amounts recorded on the books kept by the custodian with the related amounts shown on the books kept at the City Dispensary and Hospital and the Country Branch.

The investments shown on the books at December 31, 1938 were in agreement with those shown on certified lists submitted to us by the custodian, Central Hanover Bank and Trust Company. We also examined certificates, etc. held by the custodian on March 23, 1939, evidencing the investments as

at that date.

Real estate mortgages and mortgage participations, including past due and open items and those on which interest is in arrears, are shown in the accompanying balance sheet at face amounts or at cost if less, as market quotations are not available. We did not request confirmation of the balances of the outstanding mortgages or interest in arrears thereon by means of correspondence with the mortgagors.

In accordance with the adopted policy, sundry additions to plant were charged to operating expenses and no allowance was made for depreciation.

We checked the recorded additions to endowment and other nonexpendable funds by inspection of copies of wills of deceased persons and other documentary evidence, with the exception of one legacy of \$5,000 for which documents were not available.

In our opinion, based upon such examination and subject to the foregoing comments, the accompanying balance sheet and related statement of income and unappropriated surplus fairly present the position of the New York Orthopaedic Dispensary and Hospital as at December 31, 1938, and the results of its operations for the year 1938 on the basis of cash receipts and disbursements.

Lybrand, Ross Bros. & Montgomery.

New York, April 5, 1939.

#### ENDOWED BEDS

#### In Perpetuity

- 1883. By Miss C. B. Hicks, continued in perpetuity by Buchanan Winthrop.
- 1886. By Mrs. Elizabeth Milbank Anderson, four beds. In Memoriam J. Milbank Anderson.
- 1891. By Alfred Corning Clark, three beds.
- 1891. By Edward Severin Clark, two beds, to be known as the "Edward Severin Clark Beds."
- 1891. By Mrs. Henry S. Winthrop.
- 1893. By Mrs. William D. Sloane. In Memoriam William Douglas Sloane, Jr.
- 1893. By James K. Gracie. In Memoriam Anna Bulloch Gracie.
- 1893. By Miss Sarah B. Gibbs.
- 1894. By Mrs. Richard Tylden Auchmuty, two beds. In Memory of Richard Tylden Auchmuty.
- 1894. By James H. Jones.
- 1896. By Mrs. William Astor. In Memory of Helen Roosevelt.
- 1896. By Mrs. Evan T. Walker. In Memory of John J. Walker.
- 1897. By Mrs. William D. Sloane, two beds, one bed in Memoriam Maria Louise Vanderbilt and one in Memoriam Emilie Vanderbilt Burden.
- 1898. By Mrs. Charles B. Alexander, for her Daughter, named the Harriet Alexander Bed.
- 1901. By Mrs. N. A. Baldwin. In Memory of Louise Suydam Duer.
- 1901. By Mrs. Benjamin Brewster. In Memoriam Benjamin Brewster.
- 1901. By Henry T. Sloane, Jessie and Emily Sloane, bed endowed by their Father.
- 1901. By Mrs. Marion Story. In Memory of M. Furman Hunt.
- 1902. By James Henry Smith, two beds. In Memory of George Smith.
- 1902. By Miss Emily A. Watson. In Memory of Mrs. Mary J. Walker.
- 1904. By Miss Cornelia Prime. In Memory of her Brother, Temple Prime.
- 1904. By Miss Helen Phipps.
- 1904. By James K. Gracie. In Memory of Esther Gracie Ogden.
- 1906. By Miss Caroline White.
- 1906. By Mrs. M. Dwight Collier. In Memory of Maurice Dwight Collier.
- 1908. By Mrs. H. N. Munn, Mrs. Augusta Munn Tilney, Orson D. Munn. In Memory of Henry Norcross Munn.
- 1911. By Everetta C. Whitney estate.

- 1911. By Miss Josephine C. Smith. In Memory of her Father, Dr. Edward A. Smith, and her Mother, Rebecca Miller Smith.
- 1913. By Estate of Marion de Forest Clark. In Memory of Julian Bouton Clark.
- 1913. By an anonymous donor, to be known as "Mary Townsend Cuyler Bed."
- 1913. By Carolina F. Butterfield. In Memory of Frederick Falconer Butterfield.
- 1915. By Miss Emily Trevor.
- 1915. By Mrs. Frederick W. Vanderbilt, to be known as "The Louise Bed."
- 1915. By George Grant Mason, two beds. In Memory of his Uncle, James Henry Smith.
- 1916. By Henry M. Tilford. In Memory of Catharine Hunt Tilford.
- 1916. By estate of Miss Clementine Furniss, to be known as the ''Clementine Furniss Bed.''
- 1916. By an anonymous donor.
- 1917. By Mrs. Charles H. Senff. In Memory of her little Son, Henry Senff.
- 1917. By Mrs. A. Murray Young. In Memory of her great Uncle, Wilson G. Hunt.
- 1919. By R. Fulton Cutting, to be known as the "Helen Suydam Cutting Bed."
- 1919. By Mrs. Frederick Delano Hitch.
- 1919. By Levi P. Morton. In Memory of Anna Livingston Morton.
- 1919. By Miss Georgiana G. R. Wendel, two beds. ''In Memory of my Sister, Augusta A. S. Wendel.''
- 1919. By various donors. Bed in Memory of Theodore Roosevelt, former President of the United States.
- 1920. By Mrs. John Hobart Warren.
- 1921. By Mrs. Winthrop W. Aldrich. In Memory of her little Son, Winthrop Williams Aldrich, Jr.
- 1921. By F. Ambrose Clark, to be known as "The Florence L. Clark Bed."
- 1922. By Mrs. David T. Dana. In Memory of her Mother, Mrs. M. Dwight Collier.
- 1924. By Charlotte Bruce Bickmore Estate. In Memory of Albert Smith Bickmore, Jr.
- 1924. By Mrs. Louise Ward McAllister Lewis. In Memory of her Mother.
- 1925. By Miss Elizabeth J. Hofer, two beds. In Memory of Horatio C. Kretchmar.
- 1925. By Percy Chubb. In Memory of his Wife.

- 1925. By Junior Red Cross of the Public Schools of New York.
- 1925. By Mrs. Douglas Robinson. In memory of her Friend, Charles Allen Munn.
- 1926. By Junior Red Cross of the Public Schools of New York.
- 1927. By Darrach Home.
- 1928. By Mrs. Mary L. Schoonmaker, ten beds. In Memory of Sylvanus Lothrop Schoonmaker and Frank Layng Schoonmaker.
- 1928. By estate of Henry D. Dickinson. In Memory of Hathaway M. Dickinson.
- 1930. By James T. and Sarah Bancroft Leavitt, to be known as the "Mrs. James T. Leavitt Bed."
- 1934. By Henry C. deRham, Frederic F. deRham and Clarisse deRham Rutherfurd. In Memory of their parents, Charles and Emily Howe deRham.
- 1935. By Mrs. Percy R. Pyne and Family. In Memory of Meredith Howland Pyne.
- 1936. By Miss Elizabeth Stewart Hamilton. In Memory of Mrs. John Hobart Warren, to be known as the "Harriette Mott Warren Bed."
- 1936. By Mrs. Edward S. Harkness. "Dorcas House Bed." In Dear Memory of Wilma Gideon.
- 1938. By Miss Grace Howard Potter. In Memory of Howard and Mary Louisa Potter.

#### ENDOWED ROOMS

#### In Perpetuity

- 1922. By Glenn Ford McKinney, a Room in the Country Branch. In Memory of His Wife, Jean Webster McKinney.
- 1929. By 400 of his Friends and Associates, a Room in the Private Pavilion. In Memory of H. Le Roy von Lackum, M. D., Surgeon in this Hospital 1916-1928.

#### BEDS ENDOWED YEARLY

- By DeLancey K. Jay and Mrs. John H. Prentice. In Memory of the Officers and Men of the 307th Infantry who died in the Great War.
- By the Junior Guild of the New York Orthopaedic Dispensary and Hospital.
- By Miss Jessie H. Miller. In Memory of her Sister.
- By Mrs. Stanley Mortimer. In Memory of Anna Hall Roosevelt.
- By Miguel J. Ossorio.
- By Wm. Sheffield Cowles, Mrs. Theodore Roosevelt and Mrs. Theodore Douglas Robinson. In Memory of Mrs. Martha Bullock Roosevelt.
- By Mr. and Mrs. Arnold Whitridge.

#### ANNUAL REPORT

### ORTHOPAEDIC HOSPITAL RED CROSS UNIT

January 1, 1938 to December 31, 1938

Average Attendance per day	4
TOTAL PRODUCTION	
Surgical Dressings	30.691

Respectfully submitted,

LETITIA H. HIGGINS,

Chairman.

#### FORTIETH ANNUAL REPORT

of the

#### JUNIOR GUILD

of the

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

Officers

President
Miss KATE FOX

Vice-President

Mrs. FRANCIS C. HUNTINGTON

Secretary

Mrs. WALTER KOBBÉ

Treasurer
Mrs. JAMES D. REMSEN

#### MEMBERS OF THE JUNIOR GUILD

Mrs. Le GRAND BENEDICT, Jr.

MRS. CHARLES F. CANTINE

MRS. GINO DE MOISE

Mrs. LAWRENCE B. ELLIMAN

Miss KATE FOX

MRS. LOUIS HAIGHT

Mrs. JOHN M. HOWELLS

MRS. FRANCIS C. HUNTINGTON

MRS. WALTER KOBBÉ

Mrs. EFFINGHAM LAWRENCE, JR.

MRS. BARENT LEFFERTS

MRS. LAURANCE B. RAND

MRS. JAMES D. REMSEN

Mrs. BENJAMIN DE WITTE RIEGEL

Miss FRANCES STIGER

MRS. CLARENCE B. STURGES

MRS. DAVID H. TAYLOR

Miss ESTHER WATERMAN

# REPORT OF THE JUNIOR GUILD

The work of the Junior Guild has been the same during the past year. Our meetings are held on the third Wednesday of every month from November to May.

The funds for our various activities are raised through dues, donations, our yearly appeals and a rummage sale held in the autumn. This fall, however, none was held,

being postponed until next spring or autumn.

We maintain a bed in one of the children's wards, supply clothing used in the wards, make a payment towards the salary of our visiting nurse, and give her a monthly sum to be used for milk for under-nourished children either before their entrance to the hospital, or after their discharge from the hospital. At Easter we send ice cream to the three children's wards.

At Christmas we fill white cotton stockings with toys for each child, and these stockings are used afterwards in the wards.

During Lent we meet every Wednesday to make garments for the children's wards.

Respectfully submitted,

FLORENCE S. KOBBÉ,

Secretary.

# REPORT OF THE JUNIOR GUILD

# From January 1, 1938 to December 31, 1938

RECEIPTS		EXPENDITURES	
Balance January 1, 1938 Interest Dues and Donations	\$1,365.30 5.65 3,047.67	Towards Nurse's Salary Endowed Bed Nurse's Extras Easter Ice Cream Clothing	\$1,500.00 350.00 180.00 5.85 48.30
	\$4,418.62	Bank Balance December 31, 1938	\$2,084.15 2,334.47 \$4,418.62

MELINDA G. REMSEN,

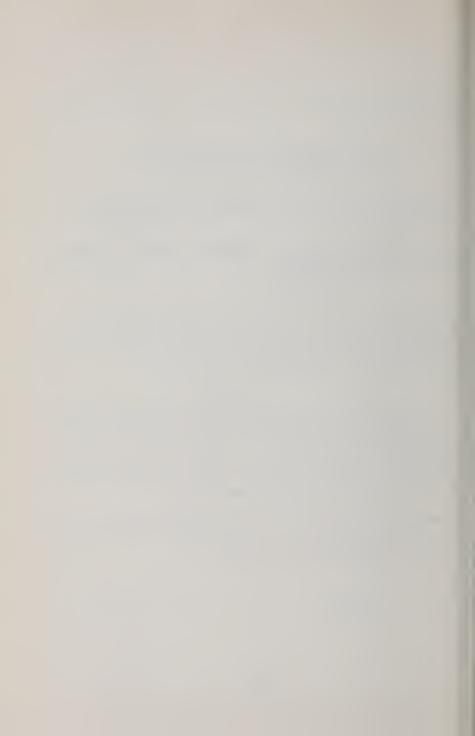
Treasurer.

The sum of \$7,500 endows a bed in perpetuity, and the sum of \$350 endows a bed for one year.

# FORM OF CERTIFICATE OF THE DONOR OF AN ENDOWED BED IN PERPETUITY

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

This is to Certify that the New York Orth through its Trustees has received from	bopaedic Dispensary and Hospital
herein designated as the donor, a fund of Seven for the purpose of founding and maintaining powers an endowed bed in its Hospital in perpe	g in accordance with its corporate
The donor shall have the privilege of non- but such nomination and the use of said bed and regulations governing endowed beds, and tion and discharge of patients as now exists by the Board of Trustees of said Dispensary an	shall be subject to all such rules providing for the treatment, recep- or which may hereafter be enacted
Witness this corporate seal of the New Hospital, and the signatures of two of its o	fficers, this day of
Secretary.	President.



#### FORM OF BEQUEST



SEVENTY-SECOND YEAR BOOK For the Year 1939

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

New York City

MEDICAL LILPARY COLUMNIA TRAVERSALLY
COLUMN OF PAY SHOWN NO TURN LASS
630 WEST 1 1 1 1 1 YORK

COUNTRY BRANCH White Plains, New York



# SEVENTY-SECOND YEAR BOOK FOR THE YEAR 1939

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

420 East 59th Street, New York City

COUNTRY BRANCH White Plains, New York



# **CONTENTS**

£.	AUA				
Board of Trustees and Officers	5				
Trustees' Standing Committees	6				
Board of Supervisors and Officers	7				
Supervisors' Standing Committees	8				
Medical Staff	9				
Consulting Staff	11				
Medical Staff, Country Branch	12				
Executive Staff	13				
Executive Staff, Country Branch	14				
Report of President	15				
Report of Board of Supervisors	18				
Report of Surgeon-in-Chief	20				
Table I. Summary of New and Old Cases	27				
Table II. Dispensary Report	31				
Table III. Hospital Report	32				
Table IV. Report of Operations	34				
Table V. Pathological Laboratory Report	36				
Table VI. Department of Roentgenology,					
Report of Dispensary and Hospital	38				
Table VII. Dental Department,					
Report of Dispensary and Hospital	38				
Table VIII. Instrument Report	39				
Table IX. Summary of Cases, Country Branch	40				
Table X. Department of Roentgenology,					
Report of Country Branch	44				
Table XI. Dental Department,					
Report of Country Branch	44				
Report of Superintendent	45				
Auditors' Report	47				
Report of Treasurer	48				
Endowed Beds in Perpetuity	51				
Endowed Rooms in Perpetuity	54				
Beds Endowed Yearly	54				
Report of Orthopaedic Hospital Red Cross Unit	55				
Report of Junior Guild					
Form of Certificate to Donor of Endowed Bed	60				
Form of Bequest	61				







# BOARD OF TRUSTEES For 1940

#### Trustees

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Counsel
EMMET, MARVIN AND MARTIN

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For 1940

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DEERING HOWE, Ex-off.

PETER GRIMM

ALONZO POTTER

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PERCY CHUBB, 2ND

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DAVE H. MORRIS CH.
ALONZO POTTER

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JOHN SLOANE, Chairman

DE LANCEY K. JAY

WINTHROP W. ALDRICH

Auditing

BRONSON WINTHROP, Chairman

WINTHROP W. ALDRICH

Country Branch

WILLIAM ADAMS DELANO, Chairman

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DE LANCEY K. JAY, Chairman

WM. SHEFFIELD COWLES FRANK L. POLK

CHARLES BARNEY HARDING BENJAMIN P. FARRELL, M.D.

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#### For 1940

### Supervisors

Mrs. ROBERT S. BREWSTER
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Mrs. L. STUYVESANT CHANLER, Jr. 59 East 92nd Street

> Mrs. JOSEPH H. CHOATE 10 East 94th Street

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Mrs. WM. JAY SCHIEFFELIN, Jr. 1220 Park Avenue

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> Mrs. HENRY M. TILFORD 24 West 52nd Street

Mrs. E. von JESZENSZKY 45 East 78th Street

Mrs. KENNETH S. WALKER
131 East 92nd Street

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Mrs. SHELDON WHITEHOUSE 4 West 58th Street

Mrs. LUCIUS WILMERDING
12 East 89th Street

Mrs. A. MURRAY YOUNG 988 Fifth Avenue

Honorary Supervisor: MRS. RUSSELL A. HIBBS

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Mrs. WM. JAY SCHIEFFELIN, Jr.

Second Vice-President
MRS. LUCIUS WILMERDING

Third Vice-President
Mrs. JOSEPH H. CHOATE

Fourth Vice-President
MRS. A. MURRAY YOUNG

Treasurer
Miss HELEN M. RIVES

Assistant Treasurer
Mrs. KENNETH S. WALKER

Secretary

Mrs. L. STUYVESANT CHANLER

Assistant Secretary
MRS. CLARENCE L. HAY

#### SUPERVISORS' STANDING COMMITTEES

#### For 1940

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Mrs. JOSEPH H. CHOATE, Chairman
Mrs. WM. JAY SCHIEFFELIN, Jr., Vice-Chairman
Mrs. CHARLES D. DICKEY
Mrs. LUCIUS WILM

Mrs. WILLIAM R. K. TAYLOR

Mrs. LUCIUS WILMERDING Mrs. A. MURRAY YOUNG

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Mrs. L. STUYVESANT CHANLER, Jr. Mrs. HAMILTON HADDEN

Mrs. WILLIAM R. K. TAYLOR Mrs. KENNETH S. WALKER

MRS. PARMELY W. HERRICK, JR.

Miss CAROLINE WHITE

Mrs. A. MURRAY YOUNG

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Mrs. LUCIUS WILMERDING, Vice-Chairman
Mrs. L. STUYVESANT CHANLER, Jr. Mrs. HENRY M. TILFORD

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MRS. ROBERT S. BREWSTER MRS. OLIVER D. FILLEY

Mrs. LUCIUS WILMERDING Mrs. A. MURRAY YOUNG

# Nominating

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MRS. CLARENCE L. HAY

MRS. KENNETH S. WALKER

#### Social Service

Miss HELEN M. RIVES, Chairman
Mrs. WILLIAM R. K. TAYLOR, Vice-Chairman

MRS. THEODORE D. ROBINSON

MRS. WM. JAY SCHIEFFELIN, JR.

# MEDICAL STAFF For 1940

Attending Staff

Surgeon-in-Chief
BENJAMIN P. FARRELL, M.D.

Assistant Surgeon-in-Chief
ALAN DEFOREST SMITH, M.D.

Attending Surgeons
LEONIDAS A. LANTZOUNIS, M.D.
HALFORD HALLOCK, M.D.

Associate Attending Surgeons
WALKER E. SWIFT, M.D.
M. BECKETT HOWORTH, M.D.
GEORGE L. INGE, M.D.
WILLIAM H. VON LACKUM, M.D.

Assistant Attending Surgeons
ELLIOT W. LAWRANCE, M.D.
MALCOLM B. COUTTS, M.D.
FREDERICK L. LIEBOLT, M.D.
JOHN FALLON, M.D.

Attending Physician
GEORGE M. GOODWIN, M.D.

Department of Roentgenology
Roentgenologist
ALBERT B. FERGUSON, M.D.

Pathological Laboratory
Pathologist
C. ZENT GARBER, M.D.

Department of Physical Therapy
Director
WILLIAM B. SNOW, M.D.

Assistant Director
DAVID GURÉWITSCH, M.D.

Department of Dentistry
Director
WILLIAM B. DUNNING, D.D.S.

Dental Surgeons
NORMAN W. BOYD, D.D.S.
GEORGE H. HENRICHSON, D.D.S.

Annie C. Kane Fellows
WILLIAM B. MACCRACKEN, M.D.
BYRON B. KING, M.D.
McDOWELL ANDERSON, M.D.
S. SVERRE HOUKOM, M.D.
WALTER A. L. THOMPSON, M.D.
RICHARD H. MELLEN, M.D.

# Resident Staff

JOHN B. KELLEY, M.D.
GEORGE R. DAWSON, JR., M.D.
STEPHEN A. WILLIAMS, M.D.
GEORGE G. HOLLINS, JR., M.D.
CHARLES U. HAUSER, M.D.
STANLEY S. ATKINS, M.D.
RALPH K. EARP, M.D.
EDGAR L. RALSTON, M.D.

#### CONSULTING STAFF

For 1940

Surgery

EUGENE H. POOL, M.D. ADRIAN V. S. LAMBERT, M.D.

Plastic Surgery

JEROME P. WEBSTER, M.D. THOMAS W. STEVENSON, JR., M.D.

Medicine

SAMUEL W. LAMBERT, M.D. NATHANIEL R. NORTON, M.D. HOWARD H. MASON, M.D.

Neurology

HENRY ALSOP RILEY, M.D. ANGUS MACDONALD FRANTZ, M.D.

Neural Surgery
EDWIN M. DEERY, M.D.

Otolaryngology

CARL M. SAUTTER, M.D.
J. CALVERT KIRKBRIGHT, M.D.

Ophthalmology
ARNOLD KNAPP, M.D.

Dermatology
J. GARDNER HOPKINS, M.D.

Gynecology
RALPH A. HURD, M.D.

Urology
GEORGE F. CAHILL, M.D.

Pathology
ARTHUR P. STOUT, M.D.

Anesthesia
GEORGE M. CREEVEY, M. D.

# MEDICAL STAFF COUNTRY BRANCH

For 1940

Attending Staff

Surgeon-in-Chief
BENJAMIN P. FARRELL, M.D.

Attending Surgeon
WILLIAM H. VON LACKUM, M.D.

Two Residents from Hospital Resident Staff

Department of Roentgenology

Roent genologist
ALBERT B. FERGUSON, M.D.

Department of Physical Therapy

Director
WILLIAM B. SNOW, M.D.

Department of Dentistry

Director
WILLIAM B. DUNNING, D.D.S.

Dental Surgeon CHARLES P. HORTON, D.D.S.

Consulting Staff

Surgery
EDWIN G. RAMSDELL, M.D.

Medicine
EDWARD W. WEBER, M.D.

Otology and Laryngology GRAVEN F. WINSLOW, M.D.

Ophthalmology
PHILIP F. HOFFMAN, M.D.

Dermatology
PHYLLIS SCHUYLER KERR, M.D.

#### **EXECUTIVE STAFF**

For 1940

Superintendent
THEODORA S. ROOT

Assistant Superintendent BERTHA H. LEHMKUHL, R.N.

Director of Nursing ISABEL BISHOP, R.N.

Director of Social Service ELSPETH M. HOLWAY, R.N.

Secretary of Appeals HARRIET W. LYNCH

Cashier
ELISE L. INGALLS

Record Librarian
HELEN GARING

Medical Librarian
GWLADYS R. CONNOR

Dietitian

DOROTHE L. TOWER

Housekeeper
JESSIE F. SMITH

Brace Shop Foreman GEORGE HEMPEL

Chief Engineer
JOHN FAY

# EXECUTIVE STAFF COUNTRY BRANCH

Superintendent
THEODORA S. ROOT

Assistant Superintendent EVELYN I. V. HOWARD, R.N.

Director of Nursing
MARY F. SHARP, R.N.

Director of Occupational Therapy

LORAINE A. CORWIN

Cashier

MARY H. WOODCOCK

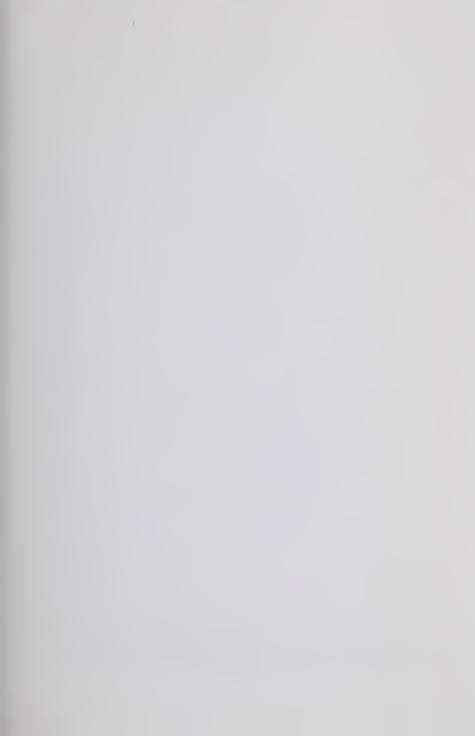
Record Librarian

MARGARET C. EBEL

Dietitian
ELIZABETH E. CROMWELL

Housekeeper
DOROTHY D. RICKER

Chief Engineer
FREDERICK WEIMER





#### REPORT OF THE PRESIDENT

To the Board of Trustees and the Board of Supervisors of New York Orthopaedic Dispensary and Hospital

#### LADIES AND GENTLEMEN:

The New York Orthopaedic Dispensary and Hospital has concluded its 73rd year of service to the community. To show you that the word "service" here has not an empty meaning I should like to attempt to give you an idea of the free work done by the Hospital in 1939. By free work I refer to the care of public charges who upon careful investigation, are found not to be in a position to pay the hospital for any part of their care. In those cases New York City reimburses the Hospital in the amounts of \$3 per day for persons over 16 years of age and of \$1.40 per day for persons under this age. The costs of caring for a patient, child or adult, in the Hospital in the City come to over \$6 per day, and in the Country Branch to nearly \$4 per day.

In the Hospital in the City last year 11,904 patient days care were given to such adult public charges, and 10,878 patient days care to child public charges. This cost the Hospital \$136,692 at the rate of \$6 per day. It received as reimbursement from the City \$53,824.32. The difference amounted to \$82,867.68.

The Country Branch at White Plains last year gave 17,843 patient days care to such adult public charges and 28,686 patient days care to child public charges. The costs of this work at the Country Branch were \$186,116. The City's reimbursement for this was \$91,222.63. The difference amounted to \$94,893.37.

To add this up the net costs to the Hospital and Country Branch of taking care of these unfortunate people amounted to \$177,761. This is a substantial sum. It was met by gifts and interest from our endowments. It is good that we can do this and a tribute to the generosity of our contributors past and present. The trouble is that our income from those sources is commencing to be insufficient to both meet this burden and at the same time to continue to keep our Hospital in the highest state of efficiency. I greatly hope that our Mayor and the City administration will consider increasing its rate of aid for these cases. We have asked him to. I also hope that our many generous contributors will realize more fully from the above the amount of charitable work done by the Hospital in the past year and continue to give us their support.

I shall not burden you with further statistics other than to say that the number of patients visiting our dispensary

during the year was 95,871, an all time high.

Our plants and administration continue to be rated Class I by the State Board of Charities. We believe our plants and equipment are in or being put in the highest state of efficiency and thoroughly abreast of the times. During the past year we have felt that our Physical Therapy Department was not adequate. We had been figuring on ways and means to rectify this when the Crippled Children's After Care, Inc. very kindly volunteered last December to give the Hospital a large underwater tank and a portable whirl-pool. This with other improvements in this department will have been installed by the middle of March 1940. Dr. William Benham Snow will be in charge of this department.

The rearrangement of the Medical Staff put into effect on January 1st, 1939, and mentioned in my last annual report, has worked out satisfactorily. Dr C. Zent Garber who was appointed Pathologist at that time has improved the service given by the laboratory and it has progressed markedly under his supervision. Last year 11,749 laboratory examinations

During the most of the year seven physicians were serving under appointment as Annie C. Kane Fellows. Dr. Walter A. L. Thompson was appointed a fellow for three years commencing November 1st, 1939. Dr. Everett M. George, a Kane fellow, was given the degree of Doctor of Medical Science at the College of Physicians and Surgeons of Columbia University, where Doctors Benjamin P. Farrell and Alan DeForest Smith continued to hold the Chairs of Professor and Clinical Professor of Orthopedic Surgery respectively. The Medical Staff of the Hospital has continued its progress in research work in the various forms of orthopedic surgery during the year.

Mr. Kermit Roosevelt, having been commissioned in the British Army, resigned from the Board of Trustees in the autumn.

The Hospital suffered the greatest loss through the death of Mr. Robert S. Brewster on Christmas Eve. Mr. Brewster became a Trustee of the Hospital in 1907. He was made President in 1917 and served for twenty years in this capacity until December 1937, after which he served as Chairman of the Executive Committee until his death. Mr. Brewster gave the Hospital a type of leadership and inspiration over this long period which is irreplaceable. Beyond this every Trustee and member of the Staff felt the loss of a personal friendship at his death. He gave throughout the thirty years of his association with the Hospital unstintingly of his time, effort, thought, and sympathetic understanding of its problems. His memory will remain an inspiration to us.

To the Staff, the Superintendent and the Employees for faithful service, I express the thanks and appreciation of the Trustees and Supervisors.

Respectfully submitted,

WM. SHEFFIELD COWLES,

January 20, 1940.

President

#### REPORT OF THE BOARD OF SUPERVISORS

To the Board of Trustees, New York Orthopaedic Dispensary and Hospital.

#### GENTLEMEN:

Happy the country that has no history and happy an annual report that has little to report.

There have been very few changes during the past year

and the hospital has run smoothly and efficiently.

Our kind friends have continued their interest and generosity toward us. Mrs. Young, Miss White, Mrs. Henry White, Mr. Jack Straus and the Junior Guild have contributed generously to the Social Service nurses' salaries. The Junior Guild has also given a free bed and furnished the clothing for the children on the sixth floor. The Hospital Red Cross have made innumerable dressings. Members of the Board have given baskets and turkeys at Thanksgiving and Christmas. We are most grateful to them all and can never express our thanks emphatically enough.

We have now an excellent patients' library and the books are used more and more. Miss Matson, who had been our excellent librarian, resigned, and Mrs. Connor has

taken her place.

There has been a new committee formed of members of the Board, to be called the Social Service Committee, which will meet at least once a month with the Social Service director. It is hoped that this will put us more intimately in touch with the work of the hospital.

Christmas, the outstanding day of the year, was gay and happy, with the presents, greens and trees given by the Board. The nurses' party and the party for the employees were both great successes. We joined the United Hospital drive again this year under the very competent leadership of Mrs. Kenneth S. Walker. We had a team of twelve who worked very well.

In these anxious times with war raging on every side, we start the New Year with thankful hearts and the prayerful hope that when the next annual report is written we may still be caring for and curing men, women and little children in a peaceful, happy America.

Respectfully submitted,

Cora Oliver Choate,

Secretary.

### REPORT OF THE SURGEON-IN-CHIEF

To the Board of Trustees of the New York Orthopaedic Dispensary and Hospital

#### GENTLEMEN:

There were 15,320 patients who visited our Dispensary during the year 1939, 10,150 of whom were new cases. Table I is a classification of the types of conditions which brought these cases to us.

Table II is the Report of the Dispensary visits, there having been 95,871 in 1939.

Table III is the hospital report for the year 1939. It shows that 1,324 patients were admitted for treatment. It also records that 76 patients had tuberculous joints; 72 fractures, 11 being of the spine; there were 237 cases of nontuberculous deformities and developmental conditions of the spine; and 345 cases of deformities and developmental conditions of the feet and legs.

Table IV is the report of the operations performed in 1939, a total of 1,878; 1,163 patients were operated on.

Table VIII is the detailed report of the manufacture of instruments in the Brace Shop, 2,880 having been made and 3,597 repaired.

CITY HOSPITAL: The number of patients in the hospital on January 1, 1939 was 88. The number admitted during the year was 1,038, 1,047 were discharged, 1 died, leaving 78 patients in the hospital on January 1, 1940. The average number in the wards each day was 96, and the average stay of each patient was 31.9 days. The number of patients treated was 1,126.

In the Private Pavilion 198 patients were treated during the year 1939. Table VI shows that 9,522 patients were roentgenographed; 20,532 films were used.

Country Branch: Table IX is a summary of the cases treated at the Country Branch in 1939. The number of patients in the hospital at the beginning of 1939 was 136; 387 were admitted during the year, 389 were discharged, none died, leaving 134 in the hospital on January 1, 1940. The total number of patients treated was 523. The average stay of each patient was 100.2 days.

Table X shows that at the Country Branch 799 patients

were roentgenographed and 1,085 films were used.

Table V is the report of the Pathological Laboratory and applies to both hospitals. It shows that 12,432 examinations were made during the year.

A study of the attendance record for the outpatient department during the past five years shows that the number of new patients as well as of old patients has been maintained at an almost constant level with a minimal fluctuation from year to year. A graph of the attendance figures for the past ten years shows a regular seasonal variation which is constant each year. There is a peak in the attendance each May and then a drop during the summer months, with a second increase reaching its maximum during November. A decline is then seen during the Christmas holidays, followed by another rise until May. This is accounted for by the fact that orthopedic treatment is to a large extent elective and the patients can choose their own time. A report from the United Hospital Fund shows that there was a decline of 1.8 per cent in attendance in the out patient clinics of all the special voluntary hospitals throughout the city during the past five years. There was a decline of 0.9 per cent for the orthopedic hospitals and a 1.1 per cent in our own hospital. These statistics cannot be taken too literally because of the marked differences in compiling them in various institutions, but they do indicate that in the New York Orthopaedic Hospital the attendance has been maintained in spite of the establishment of the new orthopedic clinics and the growth of these in some of the general hospitals.

That the hospital is widely regarded as one of the foremost teaching centers and one of the most desirable for training young surgeons in the specialty is shown each year by the number of applications for positions on the house staff. During the year 1939 seventy-two doctors from twenty states, Canada and Scotland applied for the four appointments open on our house staff.

The value of our affiliation with the College of Physicians and Surgeons of Columbia University cannot be overemphasized. It is becoming more true as time goes on and the practice of medicine becomes more intricate, that a special hospital cannot well function alone. Orthopedic patients have other medical and surgical conditions, and the orthopedic conditions themselves often overlap other fields of medicine, necessitating frequent consultations. In order to carry out most fully our obligation to train young men, a university connection is absolutely essential and undoubtedly we would fail to attract men of promise and ability if the facilities of the medical school were not available to them. Undergraduate teaching also stimulates the staff of the hospital who participate in it. For these reasons our relations with the medical school should be given careful consideration and everything should be done to make closer our ties with it.

Among the indices of the quality of the work that is being done on a surgical service are the operative mortality and the prevalence of infections after operation. Considering the magnitude of many of the operations that are performed, our mortality rate has always been surprisingly low. Last year there were three deaths among the 1,324 patients who

were treated in the hospital and the Country Branch and of these only two were attributable to operation. There were 1,163 patients who had 1,878 operations, and the mortality per patient operated on was thus .17 per cent. During 1938 there was one death among 1,343 patients operated upon, a rate of .07 per cent; and in 1937 there was one death among 1,368 patients operated upon, giving the same rate of .07 per cent. During the years 1937, 1938 and 1939 there were seven deaths from all causes in the hospital among a total of 4,110 patients treated. Aside from those attributable to operation, two were due to cancer and one occurred from natural causes in a man of eighty-three years who had fractured his femur.

The rate of post-operative infection in clean cases was 1.2 per cent per patient during the years 1937 to 1939, inclusive. Since many of the patients had more than one operation, if the computation were made on the basis of operations the rate would be still lower. This incidence of infection compares very favorably with that in other surgical hospitals. It is gratifying to find, also, that the rate has decreased steadily each year from 1937 to 1939.

The system of placing one attending surgeon in charge of each floor of the hospital, which was inaugurated at the beginning of the year, has proven very satisfactory. The attending staff have been assisted in their supervision of the wards by the senior Fellows who have acted as assistant attending surgeons.

The question of enlarging both the personnel and the equipment of the physical therapy department was discussed with Dr. William Benham Snow, who is in charge of that work at the Presbyterian Hospital. Plans were made, which, it is hoped, will be put in operation during the coming year, and which should increase the effectiveness of the department and augment the scope of the valuable work which

has been done in the past by Miss Schrampf and her assistants.

The Superintendent and her staff have continued their efficient administration of the hospital and have cooperated in a very helpful manner with the surgical staff.

In addition to a number of clinical studies which are being made by members of the attending staff, Fellows and residents, several research problems are being undertaken; Dr. Ferguson is making a study of diagnostic and prognostic roentgen features of bone tumors and results of treatment. Dr. Garber is studying the chemistry of calcium and phosphates in relation to bone and also attempting to culture viruses from cases of arthritis by a technic employing chick embryos which has been developed recently. Dr. Mac Cracken is attempting to discover a radio-opaque substance which can be used with safety in the spinal canal in order to facilitate the diagnosis of intra-spinal lesions. Dr. Anderson is undertaking a comprehensive study of 250 patients to determine the effect of poliomyelitis in retarding the growth of the extremities.

Papers read, published and accepted for publication by the staff follow:

### Papers Published

- FARRELL, BENJAMIN P., and GEORGE, EVERETT M.: Decline in incidence of tuberculosis of bones and joints. American Journal of Surgery, vol. 46, p. 380-86, May, 1939.
- FERGUSON, ALBERT B., KING, BYRON B. and THOMPSON, FREDERICK R.: A Two-stage osteotomy. Journal of Bone and Joint Surgery, vol. 21, p. 715-718, July, 1939.
- George, Everett Moore: Spondylolisthesis. Surgery, Gynecology & Obstetrics, vol. 68, p. 774-781, April, 1939.
- HALLOCK, HALFORD: A Study and end-result report of seventy arthroplastics and reconstruction operations on the hip joint. Surgery, Gynecology & Obstetrics, vol. 68, p. 106-112, January 1939.

- HALLOCK, HALFORD: Reconstructive and stabilizing surgery for residual suppurative arthritis of the hip joint. Journal of The American Medical Association, vol. 113, p. 2398-2405, December 30, 1939.
- Howorth, M. Beckett: Compression fracture of the spine. New York State Journal of Medicine, vol. 39, No. 9, May 1, 1939.
- King, Byron B.: Resection of the radial head and neck. Journal of Bone and Joint Surgery, vol. 21, p. 839-857, October 1939.
- LIEBOLT, FREDERICK L.: Pantalar arthrodesis in poliomyelitis. Surgery, vol. 6, p. 31-34, July, 1939.
- SMITH, ALAN DEF.: Diagnosis and treatment of sciatica. Surgical Clinics of North America, April, 1939.
- Toumey, James W.: Knee-joint tuberculosis. A study of two-hundredtwenty-two cases treated by operative fusion. Surgery, Gynecology & Obstetrics, vol. 68, p. 1029-1037, June, 1939.
- ULLRICH, HENRY F.: The Operative treatment of scoliosis. American Journal of Surgery, vol. 45, No. 2, p. 235-252, August, 1939.

#### Papers Accepted for Publication

- FERGUSON, ALBERT B.: Treatment of osteogenic sarcoma. Accepted by The Journal of Bone and Joint Surgery.
- King, Byron B.: Ankle fusion for correction of drop foot and calcaneus deformities. Accepted by Archives of Surgery.
- KING, BYRON B.: Solitary plasma cell myeloma of bone as an initial stage of multiple myeloma. Case Report. Accepted by The Journal of The American Medical Association.
- Lantzounis, Leonidas A.: Congenital subluxation of the fifth toe and its correction by a periosteocapsuloplasty and tendon transplantation. Accepted by The Journal of Bone and Joint Surgery.
- SMITH, ALAN DEF.: The Surgical treatment of Scoliosis. Accepted by The Medical Press Circular, London.

#### Papers Read

- FERGUSON, ALBERT B.: Bone tumors. Read at The Philadelphia Roentgen Ray Society. October 5, 1939.
- HALLOCK, HALFORD: Toes and tarsal amputations. Presentation of case. Read at The New York Academy of Medicine. Section of Orthopedic Surgery. October 20, 1939.
- Howorth, M. Beckett: Surgical operations in arthritis. Read at The West Side Clinical Society.

- Howorth, M. Beckett: Surgical treatment of arthritis. Read at The American Society for the Study of Arthritis.
- SWIFT, WALKER E.: Painful limps in children. Broadcast over WOR on August 24, 1939.
- SWIFT, WALKER E. Osteochondritis dissecans of the knee. Read at The New York Academy of Medicine. Section of Orthopedic Surgery. November 17, 1939.
- THOMPSON, FREDERICK R.: Mid-tarsal amputation. Presentation of case. Read at The New York Academy of Medicine. Section of Orthopedic Surgery. October 20, 1939.
- Von Lackum, William H.: Aspects of the surgical treatment of tuberculosis of the spine in children. Read at The New York Academy of Medicine. Section on Orthopedic Surgery. November 17, 1939.
- Von Lackum, William H.: Lumbo-sacral backache. Read at Staff Meeting of the North Country Community Hospital. Glen Cove, L. I.

Respectfully submitted,

Benjamin P. Farrell, Surgeon-in-Chief.

TABLE No. 1
Summary of New and Old Cases — January 1, 1939 to December 31, 1939

#### Former Patients Returning to Disp Years Cases 1939 DIAGNOSIS 16 Over Total New 4-16 DISEASES OF THE BODY AS A WHOLE (INCLUDING DISEASES OF THE PSYCHE AND OF THE BODY GENERALLY)..... 492 40 214 238 57 549 DISEASES OF THE INTEGUMENTARY SYSTEM.... 412 5 72 335 68 480 DISEASES OF THE MUSCULO-SKELETAL SYSTEM: Bones: Prenatal influence: Absence of bone: Fibula... 2 2 52 Hemivertebra.. coliosis due to hemivertebra..... Ulna, lower third..... Accessory bone:.. Ostibiale externum...... 15 2 Os trigonum..... Achondroplasia..... Deformity..... 10 Dislocation..... 2 1 Fusion defects: Spina bifida. Spondylolisthesis..... 32 31 15 Hypoplasia, first metatarsal head..... Osteogenesis imperfecta... Misplacement of bone—elevated scapula... Segmentation, incomplete—cervical vertebra. Shortening of bone: Cervical vertebra... Femur.. Tibia and fibula..... Supernumerary bone-cervical rib.. 2 Diseases due to infection: Abscess of tibia..... 2 15 6 Tuberculosis..... Diseases due to trauma or physical agents: 2 ŝ 22 10 18 Coccygodynia..... 13 Contusion... 8 Deformity following fracture Dislocation. 20 10 8 117 22 Exostosis.. 95 3 Î Foreign body..... 35 178 **290** Fracture.... Hematoma, tibia..... 8 Malunion..... 10 1 Non-union 6 5 Osteoporosis, humerus..... Periostitis.... 216 204 2.47 Separation, epiphysis of tibia..... Union, delayed, following fracture..... Diseases due to mechanical abnormality of unknown origin: 5 1 3 10 15 Recurrent dislocation of patella.....

# TABLE No. 1—Continued

# Summary of New and Old Cases - January 1, 1939 to December 31, 1939

1939 DIAGNOSIS	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
Diseases due to disorders of metabolism, growth or nutrition: Development deformity. Osteitis fibrosa cystica. Tibia vara due to rickets. New growths	4 5 25 13	23	3 2 1 3	3 1 10	 2 5 10	4 7 30 23
Diseases due to unknown cause: Cyst of femur. Epiphyseolysis, upper femoral. Hypertrophy. Osteochondritis dissecans.	1 15 2 3		1 12 2	3	 23 10	1 38 2 13
Osteochondrosis:     Calcaneus (apophysitis)     Coxa plana (Legg-Perthes)     Infraction, metatarsal head     Morton's toe Tarsal navicular (Koehler)     Tibial tubercle (Osgood-Schlatter) Ostetiis deformans (Paget) Round back Shortening of tibia and fibula Tibia vara	11 10 5 7 1 22 5 58 2 15	1	11 9 1 20 38 1	2 5 20 1 2	14 2 1 26 7 27	11 24 7 7 2 48 12 85 2
Joints: Prenatal influence: Contracture. Deformity. Exaggerated lumbosacral angle. Talipes. Transitional lumbosacral joint. Unstable lumbosacral joint with posterior displacement. Discoid meniscus.	1 13 58 44 606 44 3	1 7 37 1	12	2 43 606 43 1	1 7 2 151 19 168 19	2 20 2 209 63 774 63 3
Dislocation: Fifth metatarsal Hip. Hammer toe.	4 19 <b>2</b> 6	7	4 4 6	 8 20	9 80 13	13 99 39
Relaxation of ligaments: Multiple	5 1681	3 358	808	515	2 563	7 2244
Diseases due to infection: Ankylosis	14		1	13	5	19
Arthritis: Gonococic Infectious Rheumatoid Suppurative Contracture Deformity Dislocation Scoliosis due to empyema Synovitis	3 29 334 2 2 2 19 1 1 8	i i i	3 20 1 5	3 26 313 2 14 1	1 2 65 46 	31 399 48 2 23 1 1 8
Tuberculosis: Ankle Elbow. Hip	····2	····ż	i	i 4	18 7 69	18 9 78

### TABLE No. I—Continued

# Summary of New and Old Cases - January 1, 1939 to December 31, 1939

The state of the s						
1939 DIAGNOSIS	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
Knee Sacro-iliac Shoulder Spine Tarsal Wrist Tuberculous synovitis of hip.	9 1 13 13 1 2	1 i	3	8 1 1 9 1 2	37 6 110 6	46 1 7 123 1 8
Diseases due to trauma: Ankylosis Arthritis. Calcification of ligaments Chondromalacia Contracture. Contusion. Deformity. Detachment of medial meniscus. Dislocation. Dislocation, recurrent. Fifth toe varus. Foreign body. Hammer toe Hypertrophic prepatellar fat pad Injury to medial meniscus. Osteoporosis. Osteoporosis. Pseudarthrosis of spine fusion Stiffness. Strain of ligaments. Synovitis. Torn ligaments. Torn meniscus.	9 37 1 11 35 35 29 8 5 1 23 4 14 2 3 179 21 229 63	1 2 2	1 2 6 16 1 7 1	8 35 2 10 129 34 222 4  144 13 172 166 189 59	1 4 1 10 7 13 5 2 2 7 3	10 41 3 1 145 42 42 42 8 10 1 25 4 16 2 7 7 3 192 21 286 102
Diseases due to disturbanes of innervation or of psychic control: Deformity due to poliomyelitis. Deformity due to spasm. Neurogenic arthropathy (Charcot joint). Scoliosis due to poliomyelitis. Diseases due to or consisting of mechanical abnormality of unknown origin. Diseases due to disorders of metabolism, growth or nutrition New growths	24 2 5 4 15	10	12  2	12 2 5 2 12 1	21 2 5 4	45 4 10 8 15 15
Diseases due to unknown cause:  Claw foot Claw foot due to Friedreich's ataxia Deformity Flat foot Flat foot Flat foot with plantar flexed talus Genu valgum Hallux rigidus Hallux valgus Herniation of intervertebral cartilage Hydrarthrosis Osteoarthritis Relaxation of ligaments Scoliosis Spastic flat foot Synovitis Bursae	58 9 233 51 7 732 279 3 1 804 2 190 102	1 1 2 3 43	24 5 8 14 3 27 1 12  3 1 121 2 18 5	33 4 14 35 1 267 3 1 801 1 69 3 82 145	66 1 32 53 6 145 2 246 488 6 17 36	124 10 23 93 7 126 28 424 5 1 1050 2 678 11 119
				1		

# TABLE No. 1-Continued

# Summary of New and Old Cases - January 1, 1939 to December 31, 1939

1939 DIAGNOSIS	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
Muscles: Prenatal influence: Absence of pectoralis major. Contracture of thenar. Obstetrical paralysis Torticollis	1 1 21 34	1 13 15	1  7 16	 1 3	 43 53	1 1 64 87
Diseases due to trauma: Contracted calf Contracture of flexor of finger. Hematoma. Myositis, occupational. Rupture. Strain	1885 1 1 1 9 8 10	4	246 i	1637 1 1 8 8 8	922	2807 2 1 9 8 10
Diseases due to disturbance of circulation or of psychic control: Flaccid paralysis Faccid paralysis due to nerve lesion. Flaccid paralysis due to poliomyelitis. Intermittent claudication. Spasm. Spastic paralysis. Torticollis, ocular.	10 3 77 5 17 94 3	30	37 9 32 1	7 3 34 5 8 32 2	784 3 68 1	10 3 861 5 20 162 4
Diseases due to disorders of metabolism, growth or nutrition: Pigeon toe gait	7	5	2			7
Diseases due to unknown cause: Atrophy of thigh Myositis Progressive muscular dystrophy Torticollis. Wrist drop Tendons Fascia	1 37 4 1 1 109 148	i	1 3 3 1 1 10 6	34  98 142	5	1 37 4 1 1 114 161
DISEASES OF THE RESPIRATORY SYSTEM	6			6	1	7
Diseases of the Cardiovascular System	109			109	5	114
DISEASES OF THE HEMIC AND LYMPHATIC SYSTEMS	5		1	4		5
DISEASES OF THE DIGESTIVE SYSTEM	6	1		5		6
DISEASES OF THE URO-GENITAL SYSTEM	2			2		2
DISEASES OF THE NERNOUS SYSTEM: Brain General Peripheral Spinal cord	18 7 48 8	4 2	6  6 1	8 7 40 7	2 1 8	20 8 48 16
DISEASES OF THE ORGANS OF SPECIAL SENSE	2	1	1			2
Syndrome	4			4		4
Examination None	37		1	36		37
No Orthopaedic Condition	53	26	14	13		53
Non-Diagnostic	34	5	4	25		34
Total	10140	713	2153	7274	5175	15315

# TABLE No. II

# Dispensary Report January 1, 1939 to December 31, 1939

Number of New Cases Treated in Dispensary	10,150
Number of Revisits to Dispensary Surgeons	36,702
Number of Visits to Massage Department	17,464
Number of Visits to Physiotherapy Department	24,256
Number of Visits to Scoliosis Clinic	1,736
Number of Visits to Club-Foot Clinic.	1,168
Number of Visits to Follow-up Clinic.	1,172
Number of Visits to Dental Department.	3,223
Total Visits	95,871

#### TABLE No. III

# Hospital Report — January 1, 1939 to December 31, 1939

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4 1

Diseases of the Body as a Whole		Foreign body
Regional Diseases:		Fracture
Diseases due to prenatal influence:		Injury to coccyx
Hemiatrophy	1	Mal-union of bone following fracture.
_ Supernumerary toes	3	Non-union of bone following fracture
Diseases due to trauma:		Periostitis
Amputation of stump, second finger.	1	Diseases due to circulatory
Contusion of foot	1	disturbances:
Diseases due to or consisting of me-		Hypertrophy of bone—Coxa magna.
chanical abnormality of unknown origin:		Diseases due to mechanical abnormality
Abnormal posture	,	of unknown origin: Recurrent dislocation of patella
Abnormal posture	1	New growths
Ganglion of foot Ganglion of knee	2	New growths Diseases due to unknown cause:
Ganglion of wrist	2	Cyst of femur
New growths:	~	Epiphyseolysis, upper femoral
Fibroma of foot	1	Osteitis deformans of tibia (Paget's
Fibrosarcoma of foot	1	disease)
Papilloma of great toe	1	Usteochondritis dissecans
Sesamoidoma of ankle	1	Osteochondrosis:
Tumor of buttock	1	Coxa Plana Tibial Tubercle (Osgood-Schlatter's
Tumor of knee	2	disease)
DISEASES OF THE SKIN AND SUBCUTANEOU		disease)
AREOLAR TISSUES	JS	Joints:
		Diseases due to prenatal influence:
Diseases due to infection:		Contracture of ligaments, multiple.
Cellulitis of second finger	1	Deformity of joint
Furuncle of upper lip. Paronychia of great toe.	1	Deformity of joint
Laenia of great toe nail	i	Hammer toe
Verruca of foot	î	Talipes Transitional lumbosacral joint
Diseases due to trauma:	•	Iransitional lumbosacral joint
Cicatricial contracture of thigh	1	Unstable lumbosacral joint
Clavus. Ingrown toe nail	3	Unstable lumbosacral joint with
Ingrown toe nail	10	posterior displacement
Scar of third finger	2	Discoid lateral meniscus
Diseases due to disorders of metabolism,		Fifth metatarsophalangeal joint
growth, or nutrition:		Hip
Xanthoma of foot	1	Scoliosis
Diaminana an man Maranana Caranana		weak leet
DISEASES OF THE MUSCULO-SKELETAL		Diseases due to infection:
System		Ankylosis:
Bones:		Elbow
Diseases due to prenatal influence:		Hip
Accessory bone: Os tibiale externum	1	KneeShoulder
Os peroneale	i	Spine
Navicular	î	Arthritis:
Absence of bone:	•	Infectious
Hemivertebra	1	Rheumatoid
Scoliosis due to hemivertebra	3	Suppurative
Deformity of tibia and fibula	2	Contracture
Elevation of scapula	3	Deformity:
Elevation of scapula		Hip
thesis Incomplete segmentation of calcan-	16	Knee. Shoulder
ense entertation of calcan-	1	Spine
eus	i	Spine Dislocation of hip
Diseases due to infection:	1	Spondylitis Ankylopoietica
Deformity of foot	2	Spondylitis Ankylopoietiea Synovitis of knee
Fracture of phalanx, third finger	1	Tuberculosis:
Osteomyelitis:		Ankle
Femur	5	Elbow
Spine	I	Hip
Tibia	2	Knee
Diseases due to trauma:	1	Metatarsophalangeal
Chondromalacia of femur	10	Shoulder
Deformity following fracture  Dislocation of radial head	2	Sternoclavicular
Exostosis	30	Wrist

# TABLE No. III-Continued

# Hospital Report — January 1, 1939 to December 31, 1939

		•	
Diseases due to trauma:		Osteoarthritis:	
Ankylosis of foot	2	Ankle	2
Arthritis of knee	3	Feet	- 1
Contracture, third metacarpopha-		Hip	5
_ langeal	1	Knce Mctatarsophalangcal	8
Deformity:		Mctatarsophalangcal	- 1
Ankle	1	Spine	4
Elbow	2	Scoliosis	58
Foot	4	Diseases due to unknown causes, the	
Hand	2	functional reaction to which is	
Hip	ı	alone manifest:	
Knee	2	Deformity of knee due to homophilia Spastic flat foot due to peroncal	2
	2		2
Metatarsophalangeal	1	spasm	13
Detachment of medial meniscus	8	Muscles:	17
Dislocation:	0	Discases due to prenatal influence	
Cervical spinc	3	Obstetrical paralysis	9
Metacarpophalangeal	í	Torticollis	29
Mctatarsophalangeal	6	Discases due to trauma:	
Shoulder	2	Contracture of calf	4
Sternoclavicular	2	Torn muscle of spine	1
Dislocation, recurrent, shoulder	8	Diseases due to disturbance of innerva-	
Fifth toe varus	2	tion or psychic control:	
Foreign body of knee	2	Drop foot due to spastic paralysis	1
Flail metatarsophalangeal	- 1	Flaccid paralysis due to poliomye-	
Foot strain	2	litis,	133
Hammer toe	7	Peroneal spasm	5
Injury:		Spastic paralysis	25
Ankylosed knce	1	New growths	- 1
Intervertebral disc	Ţ	Diseases due to unknown cause:	
Medial meniscus	5	Atrophy of thigh	ı
Torn ligaments	44	Myositis	3
Torn meniscus	14	Tendons and fascia: Contracture of fascia lata	4
Diseases due to disturbance of innerva-	14		1
tion or psychic control:		Plantar fasciitis	2
Charcot joint	3	Tenusynovitis	ő
Deformity due to poliomyelitis:	,	Trigger finger	4
Claw foot	5	Torn tendon.	í
Flail joint	ź	Tuberculosis of tendons of hand	i
Scoliosis	7		
Talipes	10	DISEASES OF THE RESPIRATORY SYSTEM	2
Deformity due to spastic paralysis	2	DISEASES OF THE CARDIOVASCULAR	
Drop foot due to nerve pressure	1	System	- 1
Diseases due to mechanical abnormality		O13.0	
of unknown origin:		DISEASES OF ADENOIDS AND TONSILS	2
Cyst of lateral meniscus	2		
Deformity due to growth disturbance	2	DISEASES OF THE NERVOUS SYSTEM:	
Loose body	10	Athetosis	I
Snapping hip	1	Concussion of brain	2
Diseases due to unknown cause with		Laceration of peroncal nerve	1
manifest structural reaction:	22	Meralgia paresthetica	,
Claw foot due to Friedreich's ataxia.	23	NeuromaParalysis of ulna nerve	- :
Deformity of foot due to Friedreich's	'	Sciatica	8
ataxia	2	Ociatica	- 0
Deformity of foot due to progressive	-	Total1	239
muscular dystrophy	1	N	2))
muscular dystrophy Deformity of hip due to epiphyse-		Number of patients on Ward, January 1,	77
olysis	1	1940	//
olysis	2	Number of patients in Semi-private	
Flat foot with plantar flexed talus	2	Rooms, January 1, 1940	I
Genu valgum	1	Number of patients in Private Pavilion,	
Hallux rigidus	4	January I, 1940	7
Hallux valgus	64		
Herniation of intervertebral cartilage	5	Total	324

#### TABLE No. IV

# Report of Operations, January 1, 1939 to December 31, 1939, Inclusive

ntinued)

20

45

27825

REGIONS AND INTEGUMENTARY SYSTEM	JOINTS AND LIGAMENTS (Continued)
Amputation	Capsuloplasty
Aspiration 10 Aspiration of Abscess 10	Capsulotomy
Aspiration of Abscess	Division of Adhesions
Biopsy 2	Division of Capsule
Biopsy	Drainage of Pus. Excision of Fat Pad of Knee Excision of Menisci
of Fluid 1	Excision of Eat Pad of Knee
Drainage of Pus	Excision of Menisci
Dressing Under Anesthesia 6	Exploration
Exploration 6 Excision of Clavus 9	Fusion
Excision of Clavus	Injection of Medicament
Excision of Ganglion or Cyst	Manipulation
Excision of Mole	Manipulation
Excision of Neoplasm.	Plastic Correction for Flatiux Valgus
Excision of Scar 5	(Lapidus) Plastic Correction for Hallux Valgus
Excision of Sinus Tract	Plastic Correction for Maliux Valgus
Excision of Verruca	(Silver)
Injection of Medicament	Plication of Capsule of Shoulder (Hender-
Onychectomy	son).  Reduction of Dislocation, Closed Reduction of Dislocation, Open
Onychectomy 22 Onychectomy, Partial 33 Plastic Correction for Syndactylism 1	Reduction of Dislocation, Closed
Plastic Correction for Syndactylism 1	Reduction of Dislocation, Open
Release of Scar Tissue	Terriorcement of Fusion
Release of Skin Graft, Pedicle	Release of Contracture
Demond of Fassian Dada	Release of Contracture of Toe (Lant-
String Confe December 1	zounis)
Removal of Foreign Body.       3         Skin Graft, Preparation       1         Skin Graft, Whole Thickness       1         Skin Graft, "Z" Flap       2	Release of Internal Rotation Contracture
Skin Graft, whole Inickness	of Hip (Durham)
Skin Graft, "Z" Flap	Release of Internal Rotation Deformity
	of Shoulder (Sever)
Bones	of Shoulder (Sever)
Advancement of Tibial Tubercle 3	Cartilage
Biopsy 1	Removal of Loose Bodies
Coccygectomy5	Repair of Joint with Fascia
Biopsy	Cartilage. Removal of Loose Bodies Repair of Joint with Fascia Repair of Ligaments of Joint.
with Bone Chips 3	Repair of Pseudarthrosis
Drillings 30	Resection
Excision         8           Excision, Partial         26	Revision of Arthrodesis
Excision, Partial	Shelf Arthroplasty (Von Lackum)
Excision of Neoplasm	Shelf Stabilization of Hip
Exostectomy         157           Injection of Medicament         2           Insertion of Pin, Nail or Wire         21	Synovectomy
Injection of Medicament 2	
Insertion of Pin Nail or Wire 21	Muscles
Laminectomy	
Lengthening 2	Injection of Medicament
Manipulation 5	Lengthening
Manipulation 5 Ostectomy, Partial 7	Myotomy, Sternomastoid
Osteotomy	Release
	Stretching. Transplantation
Reduction of Fracture, Closed	I ransplantation
Removal of Bone Chips	
Removal of Bone Grafts	Bursae
Removal of Foreign Bodies	Aspiration
Removal of Foreign Bodies	Drainage of Pus
Removal of Loose Degenerated Cartilage 3	Excision
Removal of Osteoperiosteal Flap 1	Injection of Medicament
Removal of Osteoperiosteal Flap 1 Repair of Non-Union of Fracture with	Irrigation
Bone Chips and Grafts 4	Imgation
Bone Chips and Grafts	TENDONS AND FASCIA
Pole Mail Diese on Wine	
Resection	Advancement of Tendon
	Division of Iliotibial Band Division of Tendon Drainage of Pus of Tendon
Retransplantation	Division of Tendon
Saucerization	Drainage of Pus of Tendon
Sequestrectomy 4 Sesamoidectomy 9	Excision of Fascia
Sesamoidectomy 9 Shortening of Bone with Insertion of Plate 1	Excision of Fascia
Transplantation of Plate 1	Exploration of Tendon
Transplantation 7	Fasciotomy, Plantar
Laure com Laure	Fasciotomy, Tensor Fascia Femoris
JOINTS AND LIGAMENTS	Graft of Lendon
Arthrodesis	Incision of Tendon Sheath
Arthroplasty	Injection of Mcdicament
Aspiration 2	Lengthening of Tendon
Biopsy 2	Release of Contracture of Tendon Sheath

# TABLE No. IV-Continued

# Report of Operations, January 1, 1939 to December 31, 1939, Inclusive

TENDONS AND FASCIA (Continued) Repair of Tendon Repair of Tendon with Fascia Retransplantation of Tendon Stabilization of Shoulder (Robert) Stripping of Fascia (Heyman) Suture of Tendon Tenotomy.	2 1 2 3 1 2	NERVOUS SYSTEM (Continued)  Suture
Tenotomy. Transplantation of Tendon.  Nervous System  Exploration. Injection of Medicament. Neurectomy. Neurolysis.	1	Excision of Sebaceous Cysts       2         Myringotomy       2         Polypectomy       1         Tonsillectomy       1         Tonsillectomy and Adenoidectomy       2         Transfusion, Direct       95         Total       1,878

TABLE No. V

# Pathological Laboratory Report of Examinations Made From January 1, 1939 to December 31, 1939

EXAMINATION	Hospital	Private Pavilion	Dispensary	Country Branch
BLOOD EXAMINATIONS:  Bleeding Time	10 7 2 10 274 1 697 1 808 344 438 4 4 1 2 137	2 1 1 4 23 113 1 34 11 17 1 1 1 1 3 53 6	1 10 1 552 2 1 872 932 11 11 1037 8	62 73
Uric Acid. Wassermann*. Agglutination for Typhoid* Agglutination for Undulant Fever* Miscellaneous.	4 35 5 5 2	1	12 86	2
Cultures: Blood. Miscellaneous. Nose and Throat. Synovial Membrane. Sputum. Stool. Urine.	13 232 24 3 1 5	2 31 10 3 2 3	10 94	
Gastric Analysis	1	9	1	
Guinea Pig Inoculation for Tuberculosis	42	2	1	
Mantoux Test	24	3	197	
Schick Test	1	3	1	
SMEAR EXAMINATIONS: Pus for Tubercle Bacillus. Scrapings from Nail for Fungi. Sputum for Tubercle Bacillus. Urine for Tubercle Bacillus. Vaginal for Gonococcus. Miscellaneous.	5 3 18 4 233 3	2	120	

#### TABLE No. V-Continued

# Pathological Laboratory Report of Examinations Made From January 1, 1939 to December 31, 1939

EXAMINATION	Hospital	Private Pavilion	Dispensary	Country Branch
SPINAL FLUID EXAMINATIONS: Cell Count. Colloidal Gold*. Globulin. Kline. Total Proteins.	117 5 116 39 118	11 11 2		
Wassermann*	14	4		
Sputum Pneumococcus Typing*		1		
STOOL EXAMINATION: Blood Ova and Parasites Routine	2 1 3	2		
Tissue Examinations: Autopsy	1 12 270	1 22		
URINE EXAMINATIONS:  Bence-Jones Protein  Bile.  Calculi  Lead.  Phenolsulphonphthalein.	1 3	1 1	2	
Quantitative Sugar	2612	261	2 150	
VACCINES: Autogenous, preparation	4 2	8 2	46 881	
Totals	6,754	685	5,042	137

Total Tests 12,618

<sup>\*</sup>Examinations by New York City Department of Health.

#### TABLE No. VI

# Department of Roentgenology—Dispensary and Hospital Report from January 1, 1939 to December 31, 1939

	_
Number of Patients Roentgenographed	9,522
Number of Roentgenograms Made	20,532
Number of Dental Films Used	2,342
Number of Patients Photographed	287
Number of Roentgen Therapy Treatments	1,361
Number of Alpine Light Treatments.	2

#### TABLE No. VII

# Dental Department, Dispensary and Hospital Report from January 1, 1939 to December 31, 1939

Number of Examinations	1,271
Number of Extractions.	479
Number of Treatments.	48
Number of Fillings	1,156
Number of Prophylactic Treatments.	735

# TABLE No. VIII

# Report of the Brace Shop January 1, 1939 to December 31, 1939

II:- C-1!	1
Hip Splint	1
Spinal Braces	131
Arm Braces.	22
Belts.	316
Ankle Braces.	48
Leg Braces	50
Insoles, Single	2,032
Miscellaneous.	284
Total	2,884
races and Appliances Repaired	3,597

# TABLE No. IX

J				
TYPE OF CASE	In C. B. Jan. 1, 1939	Total Admitted	Total Discharged	In C. B. Dec. 31, 1939
Musculo-Skeletal System				
DISEASES DUE TO PRENATAL INFLUENCE:				
Bones: Hemivertebra	0	3	2	1
Scoliosis due to Hemivertebra	Ö	1	1	0
Spondylolisthesis	3	5 1	7	1 0
Shortening right leg	1	0	1	0
Deformity left hip	1	0	1	0
Joints:				
Scoliosis due to Malformation	0	2	2	0
Lumbar scoliosis due to Hemivertebra Deformity of vertebrae	1	0	1	0
Unstable Fifth Lumbar Vertebrae	3	28	20	11
Transitional Fifth Lumbar Vertebrae Unstable Fifth Lumbar Vertebrae with	1	1	1	1
posterior displacement	2	2	4	0
Unstable Fifth Lumbar Vertebrae with	•	1	1	
posterior subluxation	0 8	12	13	0 7
Talipes Equino Varus	0	7	5	2
Club foot	5	0	5	0
Muscles				
Weak feet	1	4 2	4 2	1
Flaccid paralysis due to birth injury	1	2		1
DISBASES DUE TO INFECTION:				
Bones: Tuberculosis of spine	5	8	10	3
Tuberculosis of femur	1	0	1	0
Osteomyelitis of tibia	0	1 2	0 3	1 0
Osteomyelitis of tibia	1	_	,	
JOINTS: Rheumatoid Arthritis Multiple Chronic	2	7	3	6
Bony ankylosis of spine due to Rheu-	_	1 ′		
matoid Arthritis	0	3	3	0
Deformity of spine due to Rheumatoid Arthritis	0	1	0	1
Flexion deformity hip due to Rheu-	1	1	,	1
matoid Arthritis	1 0	1 1	1 1	0
Suppurative Arthritis Hip	1	1	1	1
Bony Ankylosis hip, post-infectious	0	2	1	0

# TABLE No. IX-Continued

TYPE OF CASE	In C. B. Jan. 1, 1939	Total Admitted	Total Discharged	In C. B. Dec. 31, 1939
JOINTS-Continued.				
Dislocated hip, post-infectious	2	0	1	1
Deformity of hip following Tubercu-	_		_	
losis	0	1	0	1
Flexion Deformity knee due to Rheu-	ŭ	•		-
matoid Arthritis	1	0	1	0
Ankylosis of knee due to Suppurative	_		_	
Arthritis	0	1	1	0
Tuberculosis of spine	0	7	1	6
Tuberculosis of shoulder	1	i	1	1
Tuberculosis of elbow	0	1	1	0
Tuberculosis of wrist	0	1	0	1
Tuberculosis of hip	4	10	8	6
Tuberculosis of knee	5	5	9	1
Tuberculosis of ankle	1	1	2	0
Tuberculosis of fifth metatarsal	0	1	1	0
Shortening of right lower due to Tu-				
berculosis	0	1	1	0
Rheumatoid Arthritis Foot and Ankle.	0	1	1	0
Muscles:				
Acute poliomyelitis	1	1	1	1
, m				
DISEASES DUE TO TRAUMA:				
Bones:	0	1	0	1
Deformity of spine following fracture.	0	1	0	1
Fracture of coccyx	0	1	1	1
Partial dislocation right humeral head. Non-union fracture neck of femur	0	1	0	1
Non-union fracture of tibia	0	1	0	0
Deformity Radius and Ulna, following	U	1	1	U
fracture	0	1	0	1
Malunion fracture of radius.	0	1	ĭ	0
Deformity following fracture First and	Ŭ	1	1	
Second metatarsal bases	0	1	0	1
Fracture of fibula	0	ī	i	0
JOINTS:				
Pseudoarthrosis of spine fusion	1	3	3	1
Traumatic arthritis of wrist	0	1	1	0
Ankylosis left hip	1	0	1	0
Fracture femoral neck	1	0	1	0
Deformity of knee following fracture	0	1	1	0
Deformity of ankle following fracture.	0	1	1	0
Varus deformity ankle following frac-				
ture	1	0	1	0
Ankylosis of foot following operation.	0	1	1	0

# TABLE No. IX-Continued

TYPE OF CASE	In C. B. Jan. 1, 1939	Total Admitted	Total Discharged	In C. B. Dec. 31, 1939
Muscles: Contracted calves. Foot strain. Flexion deformity great toe	0 0	4 1 1	3 1 1	1 0 0
LIGAMENTS: Torn fibulo-calcaneal ligaments	0	1	1	0
Diseases Due to Disturbance of Innervation or Psychic Control: Shortening of leg due to Poliomyelitis. Coxa Magna. Scoliosis due to Poliomyelitis. Flaccid paralysis due to Poliomyelitis. Claw foot due to Poliomyelitis. Deformities due to Poliomyelitis. Drop foot due to Poliomyelitis. Quadriplegia due to Poliomyelitis. Spastic paralysis. Deformity due to Charcot Knee.	0 0 1 31 4 0 0 0	13 1 3 78 7 10 1 1 1 9	9 1 3 81 7 10 1 0	4 0 1 28 4 0 0 1 3
Diseases Due to Static Mechanical Ab- NORMALITY: Bones: Chronic derangement of patella	0	3	3	0
Diseases Due to Disorders of Metabolism, Growth or Nutrition: Bones: Deformity of capital epiphysis Developmental defect spine	1	0	1 1	0
New Growths: Bones: Osteochondroma tibial epiphysis	0	1	1	0
Diseases Due to Unknown or Uncertain Causes: Bones: Bone cyst in femur Osteochondrosis Slipped epiphysis Claw-feet Deformity due to Friedreich's Ataxia Flat feet with plantar flexed talus	0 1 1 1 0	1 9 9 8 4 5	1 6 7 8 3 2	0 4 3 1 1 3

# TABLE No. IX-Continued

TYPE OF CASE	In C. B. Jan. 1, 1939	Total Admitted	Total Discharged	In C. B. Dec. 31, 1939
JOINTS: Osteoarthritis multiple Scoliosis dorsal. Pseudoarthrosis spine fusion Herniation intervertebral cartilage Osteoarthritis hip. Osteoarthritis ankle. Osteoarthritis feet. Flexion deformity knee, post-traumatic Genu valgum.	1 20 0 1 0 0 0	0 37 1 1 3 1 1	1 40 1 2 3 1 1 1	0 17 0 0 0 0 0
Muscles: Progressive ossifying Myositis	1	0	1	0
SEASES OF NERVOUS SYSTEM: Sciatica	1	1	2	0
SEASES OF RESPIRATORY SYSTEM: Common cold	0	25	25	0
	136	387	389	134
Number of patients under two years of age treated.  Number of patients from two to sixteen treated.  Number of patients over sixteen treated.  Number of patient days.  Number of patients per day.  Number of massage treatments.				

#### TABLE No. X

# Department of Roentgenology—Country Branch Report from January 1, 1939 to December 31, 1939

Number of Patients Roentgenographed	799
Number of Roentgenograms Made	1,085
Number of Dental Films Used.	35
Number of Roentgen Therapy Treatments	15

#### TABLE No. XI

# Dental Department—Country Branch Report from January 1, 1939 to December 31, 1939

Number of Examinations	298
Number of Extractions	54
Number of Treatments.	109
Number of Fillings	802
Number of Prophylactic Treatments.	440

#### REPORT OF THE SUPERINTENDENT

To the Board of Trustees,

New York Orthopaedic Dispensary and Hospital.

#### GENTLEMEN:

I have the honor to submit the report of the Superintendent for the year 1939. The hospital, together with the Country Branch at White Plains, has 300 beds and cares for orthopedic patients exclusively. During the year there were 39,592 patient days in the hospital in the city, and 52,405 patient days in the Country Branch, making a total of 91,947 patient days. The cost per patient day in the hospital in the city was \$6.16. The cost per patient day in the hospital in White Plains was \$3.25. The average length of stay in the city hospital was 32 days and at the Country Branch 143 days.

The nursing service in both hospitals has been carried on as usual. There have been few changes in the permanent staff. The post-graduate course offers a four months course in orthopedic nursing to graduate nurses, and thirty-six nurses have been graduated this year. This course was first offered about twelve years ago and has proved itself to be a most satisfactory adjunct to the nursing service.

The weekly follow-up clinic, which was started over nine years ago, has been continued. In 1939 there were 1,172 visits made to it.

The Social Service Department, which serves the Dispensary, hospital and Country Branch, has been very much pressed this year, as the need for service to the patients has been very great. There have been some changes in the personnel, and additional clerical service has been necessary.

The child development program at the Country Branch, which was begun about three years ago, has proved of practical value in helping care for the children.

Plans were made in 1939 and put in operation in February 1940 to reorganize and enlarge the facilities of our Physical Therapy Department. For many years we have had an efficient gymnasium and massage corps of workers, but now under water therapy, diathermy, short wave and whirl-pool treatment have been added. The under water tank and leg whirlpool were the gifts of Crippled Children's After Care, Inc., and we feel that with our new equipment we are ready to do more and better work than ever. Dr. William B. Snow is now in charge of the Department, with Dr. David Guréwitsch as his assistant.

The plants of both hospitals have been kept up and the usual amount of painting and repairing have been done. At the Country Branch the entire lighting system on the grounds was renewed.

In October 1939 every employee was required to fill out an employment and medical record form, and henceforth every new employee will follow this routine. All food handlers are to have an examination in the laboratory.

On the first of January 1940 all the nurses, both at the hospital in the city and at the Country Branch were put on an eight hour divided day. This means a large increase in the nursing budget.

This year, as in former years, we have received donations of gifts and personal service toward the care and entertainment of our patients. For these we are most grateful. I also wish to thank the Board of Trustees and the Board of Supervisors for their continued loyal support.

Respectfully submitted,

THEODORA S. ROOT,
Superintendent.

#### ACCOUNTANTS' REPORT

New York Orthopaedic Dispensary and Hospital, New York, New York.

We have made an examination of the balance sheet of the New York Orthopaedic Dispensary and Hospital as of December 31, 1939, and of the related statement of income and unappropriated current funds' surplus for the year 1939. These statements were prepared from the accounts kept by the custodian, Central Hanover Bank and Trust Company, on the basis of cash receipts and disbursements.

In connection with such examination, we examined or tested accounting records maintained for the institution by the custodian, and other supporting evidence, and obtained information and explanations from officers and employees of the custodian; we also made a general review of the operating and income accounts shown on the books kept by the custodian for the year, but we did not make a detailed audit of the transactions or of the accounting records maintained at the City Dispensary and Hospital and the Country Branch except to substantiate the remittances by the institution to the custodian and remittances from the custodian to the institution as recorded by the custodian, and to account for the advances for petty cash and special nurses shown on the books kept by the custodian. Our examination of the income from patients, city aid, contributions and other sources received by the institution and remitted to the custodian was limited to comparison of the total amounts recorded on the books kept by the custodian with the related amounts shown on the books kept at the City Dispensary and Hospital and the Country Branch.

The investments shown on the books at December 31, 1939 were in agreement with those shown on certified lists submitted to us by the custodian, Central Hanover Bank and Trust Company. Real estate mortgages and mortgage participations, including past due and open items and those on which interest is in arrears, are shown in the accompanying balance sheet at face amounts or at cost if less, as market quotations are not available. We did not request confirmation of the balances of the outstanding mortgages or interest in arrears thereon by means of correspondence with the mortgagors.

In accordance with the adopted policy, sundry additions to plant were charged to reserve for plant betterments or operating expenses and no allowance was made for depreciation of buildings and equipment.

In our opinion, based upon the examination described in the foregoing paragraphs and subject to the foregoing explanations, the accompanying balance sheet and related statement of income and unappropriated current funds' surplus present fairly the position of the New York Orthopaedic Dispensary and Hospital as at December 31, 1939, and the results of its operations for the year 1939 on the basis of cash receipts and disbursements.

LYBRAND, ROSS BROS. & MONTGOMERY.

New York, May 1, 1940.

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

# BALANCE SHEET, DECEMBER 31, 1939 (On Basis of Cash Receipts and Disbursements)

ASSETS		
ENDOWMENT AND OTHER NONEXPENDABLE FUNDS ASSETS (COnsolidated):		
Bonds and stocks (approximate amount at market quotations, \$3,129,700)		\$ 3,394,093.37
amounts or cost, if less, including past due and open items and those on which interest is in arrears		1,666,502.24
In vicinity of City Dispensary and Hospital	\$ 396,911.53 621,825.09	1,018,736.62
Cash awaiting investment		73,849.34
Total endowment and other nonexpendable funds assets		6,153,181.57
PLANT:  Land, buildings and equipment, at book amounts (no allowance for depreciation):  City Dispensary and Hospital	2,311,289.00 1,124,965.61	3,436,254.61
CURRENT FUNDS Assets:  Bonds (approximate amount at market quotations, \$545,300)  Advances for petty cash  Advances for special nurses  Cash	536,090.94 1,500.00 3,000.00 80,365.56	
Total current funds assets		620,956.50

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

# BALANCE SHEET, DECEMBER 31, 1939 (On Basis of Cash Receipts and Disbursements)

FUNDS AND LIABILITIES	
ENDOWMENT AND OTHER NONEXPENDABLE FUNDS (consolidated): Beds and rooms endowed in perpetuity (income used for hospital expenses)	\$ 598,342.80
Unrestricted as to use of income: City Dispensary and Hospital. \$ 744,596.03 Country Branch: Emily A. Watson fund. \$2,005,642.21	
Other 40,300.00 2,045,942.21	
Restricted as to use of income: Annie C. Kane fellowship fund	3,793,038.24
Unrestricted funds functioning as endowment:  Legacy under Will of Caroline A. James 1,102,256.62 Other 659,543.91	1,761,800.53
Total endowment and other nonexpendable funds	6,153,181.57
Capital Invested in Plant	3,436,254.61
CURRENT FUNDS AND LIABILITIES:	
Restricted expendable funds: Annie C. Kane fellowships for surgeons. 170,281.79 Research fund. 62,942.99 Special gift accounts. 1,060.06 Statira Bridgman fund. 207.38	
General: 234,492.22	
Deposit for security on lease \$ 85.00	
Surplus: Appropriated: Reserve for plant betterments\$ 276,702.79	
Emergency relief	
Unappropriated, per statement attached 277,337.11 109,042.17	
\$ 386,379.28 386,464.28	
Total current funds and liabilities	620,956.50
Total funds and liabilities	\$10,210,392.68

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL DEERING Howe, Treasurer

# STATEMENT OF INCOME AND UNAPPROPRIATED CURRENT FUNDS' SURPLUS FOR YEAR ENDED DECEMBER 31, 1939 (On Basis of Cash Receipts and Disbursements)

INCOMB: Investment securities and rented properties Less, Amount apportioned to restricted expendable funds	\$262,648.74 37,236,96	\$225,411.78
Patients' board, professional care, etc.  City aid.  Donations and subscriptions.  Special contributions  Free beds annually endowed.  Special nurses' board.  Miscellaneous.		176,626.72 145,046.95 52,790.30 7,475.00 2,218.00 2,916.50 4,329.21
Total income	-	616,814.46
Expenses: Professional care of patients Less, Amount allocated from restricted expendable fund,	253,464.28	
Annie C. Kane fellowships for surgeons	8,000.00	
Household and propertyAdministrative	245,464.28 246,629.54 74,432.42	
Total expenses		566,526.24
Net income for year 1939		50,288.22
Appropriation for Reserve for Plant Betterments		40,942.33
Net income for year 1939 after appropriation	-	9,345.89
Unappropriated Current Funds' Surplus, December 31, 1938.		107,597.53
Loss on Sales of Current Funds' Investments in 1939		116,943.42 7,901.25
Unappropriated current funds' surplus, December 31, 1939	·····	\$109,042.17

#### ENDOWED BEDS

# In Perpetuity

- 1883. By Miss C. B. Hicks, continued in perpetuity by Buchanan Winthrop.
- 1886. By Mrs. Elizabeth Milbank Anderson, four beds. In Memoriam J. Milbank Anderson.
- 1891. By Alfred Corning Clark, three beds.
- 1891. By Edward Severin Clark, two beds, to be known as the "Edward Severin Clark Beds."
- 1891. By Mrs. Henry S. Winthrop.
- 1893. By Mrs. William D. Sloane. In Memoriam William Douglas Sloane, Jr.
- 1893. By James K. Gracie. In Memoriam Anna Bulloch Gracie.
- 1893. By Miss Sarah B. Gibbs.
- 1894. By Mrs. Richard Tylden Auchmuty, two beds. In Memory of Richard Tylden Auchmuty.
- 1894. By James H. Jones.
- 1896. By Mrs. William Astor. In Memory of Helen Roosevelt.
- 1896. By Mrs. Evan T. Walker. In Memory of John J. Walker.
- 1897. By Mrs. William D. Sloane, two beds, one bed in Memoriam Maria Louise Vanderbilt and one in Memoriam Emilie Vanderbilt Burden.
- 1898. By Mrs. Charles B. Alexander, for her Daughter, named the Harriet Alexander Bed.
- 1901. By Mrs. N. A. Baldwin. In Memory of Louise Suydam Duer.
- 1901. By Mrs. Benjamin Brewster. In Memoriam Benjamin Brewster.
- 1901. By Henry T. Sloane, Jessie and Emily Sloane, bed endowed by their Father.
- 1901. By Mrs. Marion Story. In Memory of M. Furman Hunt.
- 1902. By James Henry Smith, two beds. In Memory of George Smith.
- 1902. By Miss Emily A. Watson. In Memory of Mrs. Mary J. Walker.
- 1904. By Miss Cornelia Prime. In Memory of her Brother, Temple Prime.
- 1904. By Miss Helen Phipps.
- 1904. By James K. Gracie. In Memory of Esther Gracie Ogden.
- 1906. By Miss Caroline White.
- 1906. By Mrs. M. Dwight Collier. In Memory of Maurice Dwight Collier.
- 1908. By Mrs. H. N. Munn, Mrs. Augusta Munn Tilney, Orson D. Munn. In Memory of Henry Norcross Munn.
- 1911. By Everetta C. Whitney estate.

- 1911. By Miss Josephine C. Smith. In Memory of her Father, Dr. Edward A. Smith, and her Mother, Rebecca Miller Smith.
- 1913. By Estate of Marion de Forest Clark. In Memory of Julian Bouton Clark.
- 1913. By an anonymous donor, to be known as "Mary Townsend Cuyler Bed."
- 1913. By Carolina F. Butterfield. In Memory of Frederick Falconer Butterfield.
- 1915. By Miss Emily Trevor.
- 1915. By Mrs. Frederick W. Vanderbilt, to be known as "The Louise Bed."
- 1915. By George Grant Mason, two beds. In Memory of his Uncle, James Henry Smith.
- 1916. By Henry M. Tilford. In Memory of Catharine Hunt Tilford.
- 1916. By estate of Miss Clementine Furniss, to be known as the "Clementine Furniss Bed."
- 1916. By an anonymous donor.
- 1917. By Mrs. Charles H. Senff. In Memory of her little Son, Henry Senff.
- 1917. By Mrs. A. Murray Young. In Memory of her great Uncle, Wilson G. Hunt.
- 1919. By R. Fulton Cutting, to be known as the "Helen Suydam Cutting Bed."
- 1919. By Mrs. Frederick Delano Hitch.
- 1919. By Levi P. Morton. In Memory of Anna Livingston Morton.
- 1919. By Miss Georgiana G. R. Wendel, two beds. "In Memory of my Sister, Augusta A. S. Wendel."
- 1919. By various donors. Bed in Memory of Theodore Roosevelt, former President of the United States.
- 1920. By Mrs. John Hobart Warren.
- 1921. By Mrs. Winthrop W. Aldrich. In Memory of her little Son, Winthrop Williams Aldrich, Jr.
- 1921. By F. Ambrose Clark, to be known as "The Florence L. Clark Bed."
- 1922. By Mrs. David T. Dana. In Memory of her Mother, Mrs. M. Dwight Collier.
- 1924. By Charlotte Bruce Bickmore Estate. In Memory of Albert Smith Bickmore, Jr.
- 1924. By Mrs. Louise Ward McAllister Lewis. In Memory of her Mother.
- 1925. By Miss Elizabeth J. Hofer, two beds. In Memory of Horatio C. Kretchmar.
- 1925. By Percy Chubb. In Memory of his Wife.

- 1925. By Junior Red Cross of the Public Schools of New York.
- 1925. By Mrs. Douglas Robinson. In memory of her Friend, Charles Allen Munn.
- 1926. By Junior Red Cross of the Public Schools of New York.
- 1927. By Darrach Home.
- 1928. By Mrs. Mary L. Schoonmaker, ten beds. In Memory of Sylvanus Lothrop Schoonmaker and Frank Layng Schoonmaker.
- 1928. By estate of Henry D. Dickinson. In Memory of Hathaway M. Dickinson.
- 1930. By James T. and Sarah Bancroft Leavitt, to be known as the "Mrs. James T. Leavitt Bed."
- 1934. By Henry C. deRham, Frederic F. deRham and Clarisse deRham Rutherfurd. In Memory of their parents, Charles and Emily Howe deRham.
- 1935. By Mrs. Percy R. Pyne and Family. In Memory of Meredith Howland Pyne.
- 1936. By Miss Elizabeth Stewart Hamilton. In Memory of Mrs. John Hobart Warren, to be known as the "Harriette Mott Warren Bed."
- 1936. By Mrs. Edward S. Harkness. "Dorcas House Bed." In Dear Memory of Wilma Gideon.
- 1938. By Miss Grace Howard Potter. In Memory of Howard and Mary Louisa Potter.

#### ENDOWED ROOMS

# In Perpetuity

- 1922. By Glenn Ford McKinney, a Room in the Country Branch. In Memory of His Wife, Jean Webster McKinney.
- 1929. By 400 of his Friends and Associates, a Room in the Private Pavilion. In Memory of H. Le Roy von Lackum, M. D., Surgeon in this Hospital 1916-1928.

#### BEDS ENDOWED YEARLY

- By DeLancey K. Jay and Mrs. John H. Prentice. In Memory of the Officers and Men of the 307th Infantry who died in the Great War.
- By the Junior Guild of the New York Orthopaedic Dispensary and Hospital.
- By Miss Jessie H. Miller. In Memory of her Sister.
- By Mrs. Stanley Mortimer. In Memory of Anna Hall Roosevelt.
- By Miguel J. Ossorio.
- By Wm. Sheffield Cowles, Mrs. Theodore Roosevelt and Mrs. Theodore Douglas Robinson. In Memory of Mrs. Martha Bullock Roosevelt.
- By Mr. and Mrs. Arnold Whitridge.

#### ANNUAL REPORT

#### ORTHOPAEDIC HOSPITAL RED CROSS UNIT

JANUARY 1, 1939 TO DECEMBER 31, 1939

Days open	21
verage Attendance per day	
TOTAL PRODUCTION	
Surgical Dressings.	29,251

Respectfully submitted,

LETITIA H. HIGGINS,

Chairman.

#### FORTY-FIRST ANNUAL REPORT

of the

# JUNIOR GUILD

of the

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

Officers

President
Miss KATE FOX

Vice-President

Mrs. FRANCIS C. HUNTINGTON

Secretary Mrs. WALTER KOBBÉ

Treasurer
Mrs. JAMES D. REMSEN

#### MEMBERS OF THE JUNIOR GUILD

MRS. LE GRAND BENEDICT

Mrs. JOHN W. EDMONDS

MRS. GINO DE MOISE

Mrs. LAWRENCE B. ELLIMAN

Miss KATE FOX

Mrs. LOUIS HAIGHT

Mrs. JOHN M. HOWELLS

MRS. FRANCIS C. HUNTINGTON

Mrs. WALTER KOBBÉ

Mrs. EFFINGHAM LAWRENCE

MRS. BARENT LEFFERTS

Miss MATHILDE MOURRAILLE

Mrs. LAURANCE B. RAND

MRS. JAMES D. REMSEN

MRS. BENJAMIN DE WITT RIEGEL

Miss FRANCES STIGER

Mrs. CLARENCE B. STURGES

MRS. DAVID H. TAYLOR

Mrs. PAUL G. THÉBAND

Miss ESTHER WATERMAN

# REPORT OF THE JUNIOR GUILD

The work of the Junior Guild has been the same during the past year. Our meetings are held on the first Wednesday of every month from November to May.

We maintain a bed in the children's ward, supply the clothing used in the wards, make a payment towards the salary of our visiting nurse, and give her a monthly sum to be used for milk for undernourished children before or after hospitalization.

At Easter we send ice cream to the three children's wards, and at Christmas we fill white cotton stockings with toys for each child. These stockings are used in the wards afterwards.

The funds for our various activities are raised through dues, donations, and our yearly appeals.

We regret to announce the death of one of our most valued members, Mrs. Charles C. Cantine.

We take pleasure in announcing the addition of three new members, Mrs. Paul G. Théband, Mrs. John W. Edmonds, and Miss Mathilde Mourraille.

Respectfully submitted,

FLORENCE S. KOBBÉ, Secretary.

# REPORT OF THE JUNIOR GUILD

# From January 1, 1939 to December 31, 1939

RECEIPTS		EXPENDITURES	
Balance January 1, 1939 Interest Dues and Donations	\$2,334.47 7.23 2,491.75	Towards Nurse's Salary Endowed Bed Nurse's Extras Easter Ice Cream Printing Clothing	\$1,500.00 350.00 180.00 5.85 726.00 68.40 \$2,830.25
	\$4,833.45	Bank Balance December 31, 1939	2,003.20

MELINDA G. REMSEN,

Treasurer.

The sum of \$7,500 endows a bed in perpetuity, and the sum of \$350 endows a bed for one year.

# FORM OF CERTIFICATE OF THE DONOR OF AN ENDOWED BED IN PERPETUITY

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

This is to Certify that the New York Orthopaedi	ic Dispensary and Hospital
through its Trustees has received from	
1 . 1	
herein designated as the donor, a fund of Seven Thous	
for the purpose of founding and maintaining in ac powers an endowed bed in its Hospital in perpetual m	
The donor shall have the privilege of nominatin	
but such nomination and the use of said bed shall	
and regulations governing endowed beds, and provide	
tion and discharge of patients as now exists or whi	
by the Board of Trustees of said Dispensary and Hosp	
Witness this corporate seal of the New York C	Orthopaedic Dispensary and
Hospital, and the signatures of two of its officers,	this day of
one thousand nine hundred and	
Secretary.	President.

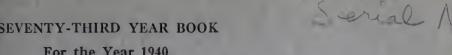
#### FORM OF BEQUEST







SEVENTY-THIRD YEAR BOOK For the Year 1940





# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

New York City

COUNTRY BRANCH White Plains, New York



SEVENTY-THIRD YEAR BOOK for the year 1940

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

420 East 59th Street, New York City

COUNTRY BRANCH White Plains, New York



## **CONTENTS**

PA	AGE
Board of Trustees and Officers	5
Trustees' Standing Committees	6
Board of Supervisors and Officers	7
Supervisors' Standing Committees	8
Medical Staff	9
Consulting Staff	11
Medical Staff, Country Branch	12
Executive Staff	13
Executive Staff, Country Branch	14
Report of President	15
Report of Board of Supervisors	18
Report of Surgeon-in-Chief	21
Table I. Summary of New and Old Cases	28
Table II. Dispensary Report	32
Table III. Hospital Report	33
Table IV. Report of Operations	36
Table V. Pathological Laboratory Report	37
Table VI. Department of Roentgenology,	
Report of Dispensary and Hospital	39
Table VII. Dental Department,	
Report of Dispensary and Hospital	39
Table VIII. Instrument Report	40
Table IX. Summary of Cases, Country Branch	41
Table X. Department of Roentgenology,	
Report of Country Branch	45
Table XI. Dental Department,	
Report of Country Branch	45
Report of Superintendent	46
Auditors' Report	49
Report of Treasurer	50
Endowed Beds in Perpetuity	53
Endowed Rooms in Perpetuity	56
Beds Endowed Yearly	56
Report of Orthopaedic Hospital Red Cross Unit	57
Report of Junior Guild	58
Form of Certificate to Donor of Endowed Bed	62
Form of Bequest	63







#### BOARD OF TRUSTEES

#### Trustees

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> DEERING HOWE 55 Wall Street

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JOHN SLOANE 575 Fifth Avenue

BRONSON WINTHROP
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DEERING HOWE

Vice-President FRANK L. POLK

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H. RIVINGTON PYNE

Counsel
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<sup>\*</sup>Deceased.

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JOHN SLOANE

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PETER GRIMM

ALONZO POTTER

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JOHN SLOANE, Chairman

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Auditing

BRONSON WINTHROP, Chairman WINTHROP W. ALDRICH

Country Branch

WILLIAM ADAMS DELANO, Chairman

GEORGE LAUDER GREENWAY GERRISH H. MILLIKEN

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Annie C. Kane Fellowship Fund

\*DE LANCEY K. JAY, Chairman

WM. SHEFFIELD COWLES FRANK L. POLK

CHARLES BARNEY HARDING ALAN DE FOREST SMITH, M.D.

<sup>\*</sup>Deceased.

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Mrs. CHARLES D. DICKEY
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1 Sutton Place, South

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Mrs. E. von JESZENSZKY 45 East 78th Street

Mrs. KENNETH S. WALKER
131 East 92nd Street

\*Miss CAROLINE WHITE 4 East 66th Street

Mrs. SHELDON WHITEHOUSE 4 West 58th Street

Mrs. LUCIUS WILMERDING
12 East 89th Street

Mrs. A. MURRAY YOUNG 988 Fifth Avenue

Honorary Supervisor: MRS. RUSSELL A. HIBBS

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Mrs. SHELDON WHITEHOUSE

First Vice-President
MRS. WM. JAY SCHIEFFELIN, JR.

Second Vice-President
Mrs. LUCIUS WILMERDING

Third Vice-President
MRS. JOSEPH H. CHOATE

Fourth Vice-President
Mrs. A. MURRAY YOUNG

Treasurer
Miss HELEN M. RIVES

Assistant Treasurer
MRS. KENNETH S. WALKER

Secretary
Mrs. L. STUYVESANT CHANLER

Assistant Secretary
Mrs. CLARENCE L. HAY

<sup>\*</sup>Deceased.

#### SUPERVISORS' STANDING COMMITTEES

## House

MRS. JOSEPH H. CHOATE, Chairman MRS. WM. JAY SCHIEFFELIN, JR., Vice-Chairman

Mrs. ROBERT S. BREWSTER MRS. CHARLES D. DICKEY

MRS. WILLIAM R. K. TAYLOR MRS. LUCIUS WILMERDING

MRS. A. MURRAY YOUNG

#### Free Bed

MRS. THEODORE D. ROBINSON. Chairman Miss HELEN M. RIVES, Vice-Chairman

MRS. L. STUYVESANT CHANLER, JR. MRS. KENNETH S. WAL MRS. PARMELY W. HERRICK, JR. \*MISS CAROLINE WHITE MRS. WILLIAM R. K. TAYLOR MRS. A. MURRAY YOUR

Mrs. KENNETH S. WALKER Mrs. A. MURRAY YOUNG

## Library

MRS. CLARENCE L. HAY, Chairman MRS. LUCIUS WILMERDING, Vice-Chairman Mrs. HENRY M. TILFORD MRS. L. STUYVESANT CHANLER, JR.

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\*Miss CAROLINE WHITE, Chairman MRS. JOSEPH H. CHOATE, Vice-Chairman

MRS. ROBERT S. BREWSTER Mrs. OLIVER D. FILLEY

MRS. LUCIUS WILMERDING Mrs. A. MURRAY YOUNG

## Nominating

MRS. CHARLES D. DICKEY, Chairman MRS. PERCY R. PYNE, Vice-Chairman

MRS. CLARENCE L. HAY

MRS. KENNETH S. WALKER

## Social Service

Miss HELEN M. RIVES, Chairman MRS. THEODORE D. ROBINSON, Vice-Chairman Mrs. WM. JAY SCHIEFFELIN, JR. MRS. PARMELY W. HERRICK, JR. Mrs. LUCIUS WILMERDING

<sup>\*</sup>Deceased.

#### MEDICAL STAFF

## Attending Staff

Surgeon-in-Chief Emeritus
BENJAMIN P. FARRELL, M.D.

Surgeon-in-Chief
ALAN DEFOREST SMITH, M.D.

Attending Surgeons
LEONIDAS A. LANTZOUNIS, M.D.
HALFORD HALLOCK, M.D.

Associate Attending Surgeons
M. BECKETT HOWORTH, M.D.
GEORGE L. INGE, M.D.
WILLIAM H. VON LACKUM, M.D.
McDOWELL ANDERSON, M.D.

Assistant Attending Surgeons
ELLIOT W. LAWRANCE, M.D.
FREDERICK L. LIEBOLT, M.D.
JOHN FALLON, M.D.

Attending Physician
GEORGE M. GOODWIN, M.D.

Assistant Attending Physician EDWARD HERBERT, JR., M.D.

## Department of Roentgenology

Roentgenologist LAWSON E. MILLER, JR., M.D.

Pathological Laboratory

Pathologist
C. ZENT GARBER, M.D.

Anesthetist
MARY C. McCASTOR, M.D.

## Department of Physical Therapy

Director
WILLIAM BENHAM SNOW, M.D.

Assistant Director

A. DAVID GURÉWITSCH, M.D.

## Department of Dentistry

Director
WILLIAM B. DUNNING, D.D.S.

Dental Surgeons NORMAN W. BOYD, D.D.S. GEORGE H. HENRICHSON, D.D.S.

#### Annie C. Kane Fellows

Senior

WALTER A. L. THOMPSON, M.D. RICHARD H. MELLEN, M.D.

Junior JOHN B. KELLEY, M.D.

## Resident Staff

GEORGE G. HOLLINS, JR., M.D.
CHARLES U. HAUSER, M.D.
STANLEY S. ATKINS, M.D.
RALPH K. EARP, M.D.
EDGAR L. RALSTON, M.D.
THEODORE A. POTTER, M.D.
ROBERT W. MEYER, M.D.

#### CONSULTING STAFF

Surgery

WILLIAM DARRACH, M.D. ADRIAN V. S. LAMBERT, M.D. EUGENE H POOL, M.D. ALLEN O. WHIPPLE, M.D.

Medicine

SAMUEL W. LAMBERT, M.D. NATHANIEL R. NORTON, M.D. WALTER W. PALMER, M.D.

Pediatrics

RUSTIN McINTOSH, M.D. HOWARD H. MASON, M.D.

Flastic Surgery
THOMAS W. STEVENSON, JR., M.D.
JEROME P. WEBSTER, M.D.

Neurology and Neurosurgery
EDWIN M. DEERY, M.D.
ANGUS MACDONALD FRANTZ, M.D.
TRACY J. PUTNAM, M.D.
HENRY ALSOP RILEY, M.D.

Otolaryngology JOHN D. KERNAN, M.D. CARL M. SAUTTER, M.D.

Obstetrics and Gynecology RALPH A HURD, M.D. B. P. WATSON, M.D.

Ophthalmology

JOHN H. DUNNINGTON, M.D.

ARNOLD KNAPP, M.D.

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GEORGE F. CAHILL, M.D.

Pathology
ARTHUR PURDY STOUT, M.D.

Dermatology
J. GARDNER HOPKINS, M.D.

Radiology ROSS GOLDEN, M.D.

Psychiatry
NOLAN D. C. LEWIS, M.D.

Anesthesia GEORGE M. CREEVEY, M. D.

## MEDICAL STAFF COUNTRY BRANCH

Attending Staff

Surgeon-in-Chief
ALAN DEFOREST SMITH, M.D.

Attending Surgeon
WILLIAM H. von LACKUM, M.D.

Department of Physical Therapy

Director
WILLIAM BENHAM SNOW, M.D.

Assistant Director

A. DAVID GURÉWITSCH, M.D.

Department of Dentistry

Director
WILLIAM B. DUNNING, D.D.S.

Dental Surgeon CHARLES P. HORTON, D.D.S.

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Medicine
EDWARD W. WEBER, M.D.

Otology and Laryngology GRAVEN F. WINSLOW, M.D.

Ophthalmology
PHILIP F. HOFFMAN, M.D.

Dermatology
PHYLLIS SCHUYLER KERR, M.D.

#### **EXECUTIVE STAFF**

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THEODORA S. ROOT

Assistant Superintendent
BERTHA H. LEHMKUHL, R.N.

Director of Nursing ISABEL BISHOP, R.N.

Director of Social Service ELSPETH M. HOLWAY, R.N.

Secretary of Appeals
HARRIET W. LYNCH

Cashier
ELISE L. INGALLS

Record Librarian
HELEN GARING

Medical Librarian
GWLADYS R. CONNOR

Dietitian
DOROTHE L. TOWER

Housekeeper JESSIE F. SMITH

Brace Shop Foreman GEORGE HEMPEL

Chief Engineer
JOHN FAY

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Superintendent
THEODORA S. ROOT

Assistant Superintendent EVELYN I. V. HOWARD, R.N.

Director of Nursing
MARY F. SHARP, R.N.

Director of Occupational Therapy
LORAINE A. CORWIN

Cashier

MARY H. WOODCOCK

Record Librarian

MARGARET C. EBEL

Dietitian
ELIZABETH E. CROMWELL

Housekeeper ERNA W. ELLIS

Chief Engineer
FREDERICK WEIMER





## REPORT OF THE PRESIDENT

To the Board of Supervisors and the Board of Trustees of New York Orthopaedic Dispensary and Hospital

#### LADIES AND GENTLEMEN:

The New York Orthopaedic Dispensary and Hospital has concluded its 74th year of service to the community.

Doctor Benjamin P. Farrell resigned as Surgeon-in-Chief on his seventieth birthday, May 22nd, 1940. It was with profound regret that the Board of Trustees accepted his resignation. Dr. Farrell had served on the staff of the hospital for thirty-three years, since 1907. He was Assistant Surgeon-in-Chief under Dr. Russell A. Hibbs from January 1917 until Dr. Hibbs' death in September 1932, since which time until his resignation became effective on July 1, 1940, he has served as Surgeon-in-Chief. He throughout this long period has devoted himself to the best interests of the hospital, and it is a sorrow to us that advancing age and the demands of his private practice have forced the decision on him to become Surgeon-in-Chief Emeritus.

The Board of Trustees appointed Dr. Alan DeForest Smith as Surgeon-in-Chief on July 1st, 1940. Dr. Smith has been on the hospital staff since 1921 and served as Assistant Surgeon-in-Chief from Dr. Hibbs' death to the time of Dr. Farrell's resignation. He has occupied the chair of Clinical Professor of Orthopaedic Surgery at the College of Physicians and Surgeons and on November 1st, 1940 was appointed Professor of Orthopaedic Surgery there. He is a graduate of the College of Physicians and Surgeons, served in the Army from 1917 to 1919 as Major in the Medical Corps, is a member of the American Orthopaedic Association and of

the American Academy of Orthopaedic Surgeons. Dr. Smith also is Surgeon-in-Chief of the New York State Reconstruction Home.

We are very pleased that we have so distinguished and highly qualified a member of our staff as Dr. Smith to appoint to the position of Surgeon-in-Chief, upon which so much of the present and future welfare of our hospital depends.

Doctor Lawson E. Miller, Jr. was appointed head of the Department of Roentgenology on August 1st, 1940, replacing Dr. Albert B. Ferguson. Since Dr. Miller's appointment the X-ray equipment in both the hospital and at the Country Branch has been completely renovated by the purchase of a laminograph and other modern types of apparatus. We feel that this equipment is now the most efficient obtainable.

In February 1940 the "Crippled Children's After Care, Inc.", of which Mrs. Morris Aron is the President and motivating force, very generously donated a second large underwater tank and portable whirlpool to our Physical Therapy Department in the Country Branch. This closely followed a previous similar gift to the hospital which I mentioned in the 1939 Year Book. These gifts were very much appreciated by the Board. They fitted in perfectly with our plans for a modernization of this department, which included the purchase of diathermy unit, short wave machine, radiant heat lamps, etc. We consider our Physical Therapy Department now meets the highest modern standards.

This department, under the direction of Doctors William Benham Snow and A. David Guréwitsch, has increased greatly its field of activity, treating a total of 38,219 patients in the hospital and 10,667 in the Country Branch in 1940.

During most of the year four physicians were serving under appointment as Annie C. Kane Fellows. Dr. Richard

H. Mellen was appointed a senior fellow on February 1st, 1940 for three years. Dr. John B. Kelley was appointed to a junior fellowship on May 1st, 1940 for a term of one year.

In the hospital in the city last year 17,340 patient days were given to adults and 16,381 patient days care to children. The Country Branch at White Plains last year gave 21,853 patient days care to adults and 30,888 to children. The number of patients visiting our Dispensary during the year was 15,832, an increase of 512 over 1939. Last year 15,614 examinations were made in the Pathological Laboratory.

The medical staff of the hospital has continued its progress in research work in the various forms of orthopaedic surgery during the year.

To the Staff, the Superintendent and the Employees for faithful service I express the thanks and appreciation of the Trustees and Supervisors.

Respectfully submitted,

WM. SHEFFIELD COWLES,

March 7, 1941.

President.

#### REPORT OF THE BOARD OF SUPERVISORS

To the Board of Trustees, New York Orthopaedic Dispensary and Hospital

#### GENTLEMEN:

During the past year the Board of Supervisors has carried out its usual active schedule, and I think it might interest the Trustees and other friends of the hospital to have a detailed account of the nature of its work.

The Board meets once a month from October to May. At these meetings which take place at the hospital the heads of the committees make their reports which cover many different sides of hospital life. The committees are the following:

The House Committee (chairman, Mrs. Choate) which keeps in touch with all the domestic problems of the hospital. In addition to this committee two different members of the Board are appointed each month to visit the hospital. These ladies inspect any or all of the different parts of the building, kitchens, linen room, etc. The fact that there is a certain sameness in the reports of these visitors, always "everything in perfect order", is a tribute to our superintendent, Miss Root, who has been managing this hospital with beautiful efficiency for the past 28 years.

The Free Bed Committee is taken through the wards once a month by the surgeon-in-chief who explains the most interesting cases in great detail. A description of these cases and their treatment makes the report of Mrs. Robinson, chairman of this committee, of the greatest interest.

The Social Service Committee, which has been in existence about a year, meets once a month with Mrs. Holway,

head of the Social Service Department of the hospital. The subsequent report, made by Miss Rives, keeps the ladies' board informed of the different problems of this department.

The Country Branch at White Plains is visited regularly by Miss White.

The work of these committees constitutes the main supervisory function of the Board.

In addition, however, the Board makes other contributions toward the welfare of the hospital. Every year a team is made up for the United Hospital Drive. Under the able leadership of Mrs. Kenneth Walker it raises large sums of money, part of which is then allocated to our hospital. This year's allocation was \$5,000.

We also take great pride in our patients' library of 4,000 volumes, which we believe to be one of the best in the city. Most of the books have been donated by members of the Board, and Mrs. Hay of the Library Committee is very skillful in obtaining from the Board the latest and most popular books.

Various generous ladies of the Board also provide turkeys for all at Thanksgiving, and at Christmas a present for every patient in the hospital.

No report of last year's activities would be complete without mentioning two social functions for which the Board was responsible. The first was a tea party given at the hospital on the occasion of the opening of the new Physical Therapy Department. This tea was in honor of the members of the Committee of the Crippled Children's After Care, who had given the new department the large tank and whirlpool.

Mrs. Whitehouse, president of the Board of Supervisors, also gave a tea at her house in honor of Dr. Farrell upon his

retirement as surgeon-in-chief. This very successful party was attended by the trustees, doctors and staff and, of course, the members of the ladies' board.

While this report is necessarily brief, I hope that it gives some idea of the work which the ladies of the Board of Supervisors are glad to do for the hospital.

Respectfully submitted,

L. M. CHANLER, Secretary.

## REPORT OF THE SURGEON-IN-CHIEF

To the Board of Trustees of the New York Orthopaedic Dispensary and Hospital

#### GENTLEMEN:

The record of the number of patients treated and of the work accomplished during 1940 indicates that the hospital has continued to fulfil its obligations in rehabilitating the sick and disabled and in training doctors and nurses in orthopaedic surgery. If we are to continue to hold our position as one of the leading institutions in this field, however, we must anticipate as far as possible what changes the future will bring both in the character of our work and in demands for a different type of training for our residents and fellows. In the last twenty years a very decided change has taken place in the conditions that we have been called upon to treat, due to a decrease in certain diseases, such as tuberculosis, rickets and poliomyelitis, and at the same time an increase in the number of deformities due to accidents and arthritis. This has resulted in our receiving more adults and fewer children as patients. This trend probably will be increased by the approaching stabilization of the population and the correspondingly greater number of adults.

In many cities the treatment of fractures is being delegated to the orthopaedic surgeon. This necessitates the inclusion of this type of surgery in the training of young men for this specialty. To provide this for our residents we have arranged with the fracture service of the Presbyterian Hospital to take them for a period of six months as assistant residents. Eventually we will be faced with the necessity either of developing our own traumatic service or of associating more closely with an institution which has one.

The trend in medicine is more and more for the close association of various specialties into an integrated whole. We are forced to realize that we cannot place diseases in definite compartments, each to be treated by one specialist. In order to provide the best care for our patients we must have the constant services of all the different departments of medicine and surgery. To do this and to give our residents and fellows a complete and broad training, close affiliation with a medical center, including a medical school, is essential. With this purpose a study is being made of ways and means to obtain the fullest advantage from our connection with Columbia University. One step that already has been taken to further this end is the appointment of the heads of the clinical departments of the College of Physicians and Surgeons as consultants to the hospital. We appreciate greatly their willingness to perform this service.

The members of our staff continue as the orthopaedic department of the College of Physicians and Surgeons and to teach the undergraduate students this branch of surgery. The Surgeon-in-Chief of the New York Orthopaedic Dispensary and Hospital was appointed Professor of Orthopaedic Surgery and head of the department on November 1st, 1940.

The expansion of a course for public health nurses in conjunction with Teacher's College of Columbia University is regarded as a great opportunity to develop our resources for teaching. It is expected that it also will be a stimulus to the hospital and that it will result in still further improving our nursing service.

Dr. Benjamin P. Farrell retired as Surgeon-in-Chief of the New York Orthopaedic Dispensary and Hospital and as Professor of Orthopaedic Surgery of the College of Phyicians and Surgeons on June 30th. He continues to be Surgeon-in-Chief and Professor Emeritus. Dr. Farrell has been an active and important member of the staff of this hospital for 33 years and was the Chief Surgeon for eight years after the death of Dr. Hibbs. During this long period he has given the major part of his energies to the hospital. His service and devotion to the institution and his kindly spirit and friendship have endeared him to us all. His counsel and advice will be sought as it has in the past.

Of increasing importance is the problem of the treatment of arthritis. This disease is widespread and is foremost in the number of persons which it disables. Many of its effects necessitate orthopaedic treatment and in order to improve the care of these patients it has been decided to create a special clinic in the out-patient department and a special service in the hospital. Dr. Walter A. L. Thompson will be in charge of this service and will have the enthusiastic cooperation of Dr. Ralph H. Boots of the medical department of the Presbyterian Hospital, who, with several of his associates, will act as the internists for the new clinic.

Dr. Lawson E. Miller, Jr. was appointed roentgenologist to succeed Dr. Albert B. Ferguson, who resigned on September 1st, 1940. Dr. Miller formerly was associated with the New York and Memorial Hospitals. The equipment of the X-ray Department has become obsolete, most of it having been in use for from 15 to 20 years. The Board of Trustees authorized the purchase of a completely new installation for the Hospital and the Country Branch. This includes the most modern type of apparatus and will be of great aid in this important phase of our work.

A medical photographer, Mr. John C. Wooliscroft, was appointed on November 25th. Photographs form an important part of the records of orthopaedic cases and the services

of a trained photographer are necessary for the best results. New equipment has been provided for this department also.

The reorganization and expansion of the Physical Therapy Department under the direction of Dr. William Benham Snow, assisted by Dr. A. David Guréwitsch, has resulted in a very satisfactory extension of our work in this most important field. The addition of various forms of electrical and hydrotherapy and of a tank for underwater exercises, both in the hospital and the Country Branch, has been received most enthusiastically. The results of this treatment are most striking at the Country Branch where the scope of the work has been increased many fold.

Because of the important advances which have been made in anesthesia it has become necessary to have a physician in charge of the department. We have been fortunate in obtaining the services of Dr. Mary C. McCastor, who recently completed a three year residency in anesthesia at the New York Post Graduate Hospital. She began her service here on December 1st, 1940.

During 1940, 75 applications were received from 23 states and 3 foreign countries for appointments on the house staff. The National Defense Program already is making itself felt, however, in its demand for young physicians and nurses to care for the needs of the expanding army and navy. Several of our resident staff are subject to call as members of the Reserve Corps, and it is anticipated that we may soon have difficulty in maintaining our quota of residents, fellows and nurses.

Doctors McDowell Anderson, William B. MacCracken, Byron B. King and S. Sverre Houkom completed their Annie C. Kane fellowships during 1940. Dr. Anderson was appointed Associate Attending Surgeon to the hospital and instructor in orthopaedic surgery at the College of Physicians and Surgeons. Doctors MacCracken, King and Houkom have entered practice in California, New York and Minnesota. It is desired to increase the scope of our fellowships by appointing eligible men who have received their preliminary training in other institutions as well as those from our own hospital. Applications from doctors who have had at least three years training on an acceptable orthopaedic service will be considered for senior fellowships and from those who have had not less than two years training, for junior fellowships.

Miss Root and her administrative staff have maintained the hospital at a high level of efficiency and have facilitated in many ways our care of the patients.

The number of patients treated in the outpatient department, hospital and Country Branch, together with the details of other activities are shown in the published tables.

Dr. Anderson and Dr. Thompson are continuing a study of the effect of poliomyelitis on the growth of the extremities, under a grant from the National Infantile Paralysis Foundation. Dr. Garber and Dr. Stevens are pursuing their investigation of phosphatase and several members of the staff are making clinical studies of various subjects. We are authorized to make an X-ray study of anatomical variations and abnormalities in the lumbo-sacral region and it is intended to carry this on during the coming year.

The following papers were read or published by members of the staff during 1940:

## Staff Papers Published 1940

Ferguson, Albert B.: Treatment of osteogenic sarcoma. Journal of Bone and Joint Surgery, 22:92-96, January, 1940. Also read at The Amer. Acad. of Orth. Surgeons, Boston, Mass., January 24, 1940.

- FERGUSON, ALBERT B.: Treatment of osteogenic sarcoma. Journal of Bone and Joint Surgery, 22:916-922, October, 1940.
- HALLOCK, HALFORD: The School child's posture. Public Health Nursing, 32:533-538, September, 1940.
- HALLOCK, HALFORD: Posture and health. Neighborhood health, Department of Health, City of New York. Vol. VI, No. 6, November, 1940.
- Howorth, M. Beckett. Institutional convalescent care of the orthopedic patient. Proceeding of the conference on convalescent care, 1939. New York Academy of Medicine. Read at the West Side Clinical Society, 1939.
- King, Byron B.: Ankle fusion for correction of paralytic drop foot and calcaneus deformities. Archives of Surgery, 40:90-97, January, 1940.
- King, Byron B.: Solitary plasma cell myeloma of bone as an initial stage of multiple myeloma. Journal Americal Medical Association, 115:36-38, July 6, 1940.
- Lantzounis, Leonidas A.: Congenital subluxation of the fifth toe and its correction by a periosteocapsuloplasty and tendon transplantation. Journal of Bone and Joint Surgery, 22:147-150, January, 1940.
- SMITH, ALAN DEFOREST: Operative treatment of scoliosis. Medical Press and Circular, 203:308-311, April 10, 1940.
- SMITH, ALAN DEFOREST and KING, BYRON B.: Injury to the femoral articular cartilage by the medial meniscus. Surg., Gyn., & Obstet., 71:679-683, November, 1940. Also read at the New York Academy of Medicine, Section of Orthopaedics, February 16, 1940.
- SWIFT, WALKER E.: End results of the spine fusion operation for tuberculosis. Journal of Bone and Joint Surgery, 22:815-823, July, 1940. Also read at the Amer. Acad. of Orth. Surgeons, Boston, Mass., January 23, 1940.
- FARRELL, BENJAMIN P., and MacCracken, William: Lumbosacral lesions with the exception of spondylilosthesis. American Orthopedic Association, Kansas City, Mo., May 8, 1940.
- FERGUSON, ALBERT B.: Differentiation of specific diagnostic roentgen shadows in the bones. Long Island Radiological Society, April 25, 1940.
- FERGUSON, ALBERT B.: Treatment of osteogenic sarcoma without early amputation. New York Academy of Medicine, Section of Orthopedic Surgery, March 17, 1940.

- GARBER, C. ZENT: Pathological Conference—Presentation of four tumors.
  Orthopedic Guild, November 1, 1940. Inter-urban Orthopaedic Club, November 8, 1940.
- HALLOCK, HALFORD: Spondylolisthesis. American Orthopedic Association, Kansas City, Mo., May 8, 1940.
- Howorth, M. Beckett: Slipping of the upper femoral epiphysis. American Academy of Orthopedic Surgeons, Boston, Mass., January 25, 1940.
- Howorth, M. Beckett.: Diagnosis and treatment of coxa plana and epiphysioliathesis. New York Academy of Medicine, Section of Pediatrics, March 4, 1940.
- Howorth, M. Beckett: Coxa plana. Inter-urban Orth. Club, November 8, 1940.
- Mellen, R. H.: Clinical study of peroneal muscle spasm. Inter-urban Orth. Club, November 8, 1940.
- SMITH, ALAN DEFOREST: Lateral curvature of the spine. Read over radio, station WOR, March 15, 1940.
- SMITH, ALAN DEFOREST: Congenital elevation of the scapula. New York State Medical Society, June, 1940. Halsted Club, December, 1940.
- SMITH, ALAN DEFOREST: The Operative treatment of scoliosis. Interstate Post-graduate Medical Association, October, 1940.
- SMITH, ALAN DEFOREST: Osteoarthritis. Hospital Graduates Club, December 26, 1940.
- THOMPSON, WALTER A. L.: End results of the spine fusion operation. Inter-urban Orth. Club, November 8, 1940.
- Von Lackum, William H.: Tuberculosis of the spine in children: end results. New York Academy of Medicine. Joint Meeting of Orth. Sections of the Acad. of Med. of New York and Philadelphia, February, 1940.
- VonLackum, William H.: Fractures of the tibial plateau. Amer. College of Surgeons of New York City and Brooklyn, March, 1940.
- Von Lackum, William H.: Surgical treatment of scoliosis. Orth. Guild, November 1, 1940. Inter-urban Orth. Club, November 8, 1940.

Respectfully submitted,

ALAN DEFOREST SMITH,

Surgeon-in-Chief.

TABLE No. 1 Summary of New and Old Cases — January 1, 1940 to December 31, 1940

1940 DIAGNOSIS	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
DISEASES OF THE PSYCHOBIOLOGICAL UNIT	28	19	5	4	5	33
DISEASES OF THE BODY AS A WHOLE	155	6	112	37	23	178
REGIONAL DISEASES	162	8	27	127	31	193
DISEASES OF THE INTEGUMENTARY SYSTEM	357	7	73	277	80	437
DISEASES OF THE MUSCULO-SKELETAL SYSTEM: Bones: Prenatal influence: Absence of bone: Hemivertebra Tibia.	2	1	1 1		4 5	6
Accessory bone: Navicular Os tibiale externum Scaphoid tubercle. Achondroplasia Deformity Dyschondroplasia Exostosis. Fusion defects:	5 8 1 1 13 1	2	3 7 1 1 11	2	12 7 2	5 8 1 1 25 8 2
Calcaneal. Spina bifida. Spondylolisthesis. Spondylolysis. Hypertrophy, scaphoid. Hypoplasia, first metatarsal head Segmentation, incomplete—radius and ulna. Misplacement—Elevation of scapula. Osteogenesis imperfecta. Shortening of tibia and fibula. Supernumerary—cervical rib.	2 31 1 1  1 2 2	i i	1 3	28 1 1 	2 3 17  1 1 6 2 2 2	2 5 48 1 1 1 1 7 4 4 3
Diseases due to infection: Abscess. Deformity of tibia and fibula. Osteitis, sclerosing, tibia. Osteomyelitis. Tuberculosis.	2 1 18 2	i 1 1	i 5	1 12 2	56	4 2 1 74 2
Diseases due to trauma or physical agents: Arrest of growth of tibia and fibula following fracture. Calcification. Coccygodynia. Contusion. Deformity following fracture. Dislocation. Exostosis. Fracture. Injury. Malunion. Nonunion. Osteoporosis. Periostitis.	1 2 22 7 13 3 105 168 2 8 9 1 177	i 2 9	1 6 1 22 42 2 2 2 	2 21 7 6 2 81 117  6 9 1 163	2 4 3 1 3 3 3 3 125 7 7 7 7 1 44	3 6 25 8 16 6 138 293 7 15 16 2 221
Separation	1		- 1			

## TABLE No. 1—Continued

## Summary of New and Old Cases — January 1, 1940 to December 31, 1940

1940 DIAGNOSIS	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
Diseases due to disorders of metabolism, growth of nutrition: Collapsing vertebra. Deformity due to rickets. Osteitis fibrosa cystica. Osteomalacia. New growths.	1 28 2 4 19	24		1 2 4 11	14 8 2 21	1 42 10 6 40
Diseases due to unknown cause: Cyst Deformity. Epiphyseolysis, upper femoral. Hypertrophy. Osteitis deformans (Paget). Osteochondritis dissecans. Osteochondrosis. Calcaneus (apophysitis). Coxa plana (Legg-Perthes). Infraction, metatarsal head. Morton's toe. Tarsal Navicular (Koehler). Tibial tubercle (Osgood-Schlatter). Round Back. Shortening of tibia and fibula. Tibia vara.	2 5 16 1 3 7 1 12 5 4 8 8 4 31 60 2 26	2	1 3 14  4  1 31 38 1 5	1 2 2 2 1 3 3 3 1 1 1 4 4 8 1	31 33 33 22 14  13 19	2 5 47 4 6 7 4 14 19 4 4 4 79 2 44
Joints: Prenatal influence: Contracture Deformity Exaggerated lumbosacral angle. Talipes. Transitional lumbosacral joint. Unstable lumbosacral joint. Unstable lumbosacral joint with posterior displacement Discoid meniscus. Dislocation: Fifth metatarsal.	2 17 2 67 40 549 14	3 41	2 6 	8 2 7 40 542 14	170 19 279 24 3	2 46 2 237 59 828 38 3
Hip. Hammer toe. Relaxation of ligaments: Multiple. Weak feet.	22 30 7 1802	3 3 1 2	3 9 4 750	13 21 740	90 8 5 774	112 38 12 2576
Diseases due to infection: Ankylosis. Arthritis: Infectious. Rheumatoid. Suppurative. Deformity. Scoliosis. Synovitis. Tuberculosis:	29 317 7 22 1 3	1 1 1 1	3 15 2 6	25 301 5 16	15 73 25 18	11 44 390 32 40 1 3
Ankle. Elbow. Hip. Knee. Sacro-iliac Shoulder. Spine. Wrist	1 12 2 3 	2	5	1 5 2 3 10	34 6 63 60 29 135	35 6 75 62 3 29 150 7

## TABLE No. 1—Continued

## Summary of New and Old Cases - January 1, 1940 to December 31, 1940

1940 DIAGNOSIS	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
Diseases due to trauma: Ankylosis. Arthritis. Calcification. Contracture. Deformity. Detachment of medial meniscus. Dislocation. Foot strain. Fifth toe varus. Foreign body, knee. Hammer toe. Injury. Recurrent dislocation. Separation. Strain of ligaments. Synovitis. Thinning of intervertebral disc. Torn ligaments. Torn medial meniscus. Diseases due to disturbances of innervation or of psychic control	4 400 22 33 366 19 33 151 4  12 17 7 7 7 86 27 88 46	i	1 7 4 8 5 2 2 3 1 1 6 7 7 22 2 2 1	4 399 2 29 15 24 146 1  8 16 20 8 166 44	4 14 3 30 11 11 16 8 7 9 3 3 3 3 3 3 	8 54 2 6 66 30 49 159 4 7 21 105 29 253 74
Diseases due to or consisting of mechanical abnormality of un- known origin. Diseases due to disorders of metabolism, growth or nutrition New growths.	17 5 2	5	3	14	5 2	22 7 2
Diseases due to unknown cause: Claw feet Claw feet due to Friedreich's Ataxia. Contracture. Deformity. Flat feet Genu valgum Genu varum. Hallux rigidus. Hallux valgus. Heberden's nodes. Herniation of intervertebral cartilage. Hypertrophy. Osteoarthritis. Relaxation of ligaments. Scoliosis. Spastic flat foot. Synovitis.	58 8 98 67 100 30 3333 1 10 1 1861 171 5 60	1 16 36 7 1  1 2 2 2	18	40 3  55 6 3 30 327 1 10 1. 859  44	76. 44 34 34 5 151 5 20 33	134 12 9 162 101 10 35 484 1 15 1185 10 80 206
Muscles: Prenatal influence: Obstetrical paralysis. Torticollis	14 21	5	6 10	3 2	51 60	65 81
Diseases due to trauma: Avulsion. Contracted calf. Hematoma. Myositis. Rupture. Scar. Strain.	1 1448 1 12 5 1 9	4 1	125 1	1 1319 11 5 1 7	952 i	2400 1 12 6 1 9

#### TABLE No. 1—Continued

## Summary of New and Old Cases — January 1, 1940 to December 31, 1940

1940 DIAGNOSIS	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp	Total
Diseases due to disturbance of circulation or of psychic control: Flaccid paralysis. Flaccid paralysis due to poliomyelitis. Hysterical stiffness. Intermittent claudication. Myasthenia gravis. Spasm. Spastic paralysis. Diseases due to disorders of metabolism, growth or nutrition: Pigeon toe gait.	3 103 1 9 1 20 66	21	45  1 5 23	53 1 9 	947  19 112	1050 1 9 1 39 178
Diseases due to unknown cause: Myositis. Myotonica dystrophia. Progressive muscular dystrophy.	36 1 9		16	35 1 3		43 1 9
Tendons	100 143		10 5	8 <i>7</i> 138	23 19	123 162
DISEASES OF THE RESPIRATORY SYSTEM	5			5		5
Diseases of the Cardiovascular System			3	98	9	110
Diseases of the Hemic and Lymphatic System				2	1	3
DISEASES OF THE DIGESTIVE SYSTEM				4	1	5
DISEASES OF THE URO-GENITAL SYSTEM	2			2		2
DISEASES OF THE NERVOUS SYSTEM: Brain General. Peripheral. Spinal cord.	20 5 42 9		8 1 4 3	12 4 38 6	28 3	24 5 70 12
YNDROME	2			2		2
BONE DONOR	1	,		1		1
Examination None	19	1	2	16		19
NO ORTHOPAEDIC CONDITION	90	33	27	30	16	106
Non-Diagnostic	92	8	14	<i>7</i> 0		92
TOTAL	9563	651	1908	7004	6269	15832

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## TABLE No. II

# Dispensary Report January 1, 1940 to December 31, 1940

Number of New Cases Treated in Dispensary	9,563
Number of Revisits to Dispensary Surgeons.	37,054
Number of Visits to Physical Therapy Department	38,219
Number of Visits to Scoliosis Clinic	1,721
Number of Visits to Club-Foot Clinic	1,071
Number of Visits to Follow-up Clinic.	1,303
Number of Visits to Dental Department	5 <b>,3</b> 88
Total Visits	94,319

## TABLE No. III

## Hospital Report — January 1, 1940 to December 31, 1940

DISEASES OF THE BODY AS A WHOLE	Diseases due to trauma:	0
Regional Diseases: Diseases due to prenatal influence: Malformation, lower extremities 1	Coccygodynia. Deformity following fracture. Dclayed union following fracture Dislocation of lunate	8 7 1 2
Diseases due to infection:	Exostosis	39
Infection of fingers	Fractures: Acetabulum	1
Diseases due to trauma: Contusion of back!	Clavicle	2
Injury to spine	Femur	15
Diseases due to or consisting of me- chanical abnormality of unknown	Fibula	1 2
origin: Ganglion of ankle	Humerus	10
Ganglion of hand	Radius	í
Ganglion of knee	Os calcis Patella	1 2
New growths:	Pubis	2
Hemangioma of ankle	Radius and ulna	2
Lipoma of lower leg	Spine	12
	Tibia and fibulaUlna	13
DISEASES OF THE SKIN AND SUBCUTANEOUS AREOLAR TISSUES	Hematoma of tibia	1 5 7
Diseases due to infection:	Malunion following fracture Nonunion following fracture	Ź
Cellulitis of finger	Periostitis of Sesamoid	2
Cellulitis of foot	Diseases due to mechanical abnormality of unknown origin:	
Verruca of foot	Recurrent dislocation of patella	1
Diseases due to trauma:  Cicatricial contracture of thigh 1	Diseases due to disorders of metabo- lism, growth, or nutrition:	
Clavus 3	Osteitis fibrosa cystica	2
Ingrown toe nail	Osteomalacia	2
growth, or nutrition:	New growths:	
Xanthoma of foot	Fibrosarcoma of tibia and fibula Metastatic carcinoma of spine	1
Diseases due to unknown causes: Onychogryphosis of third finger 2	Osteogenic sarcoma of femur	1
	Osteochondroma: Femur	2
Diseases of the Musculo-Skeletal System	MetatarsalRadius	3
Bones:	Scapula	ì
Diseases due to prenatal influence: Absence of bone:	Tibia	1
Scoliosis due to hemivertebra 2	Cyst of tibia	ľ
Accessory bone: Phalanx, first metacarpal	Deformity of medial cuneiform Epiphyseolysis, upper femoral	13:
Navicular1	Osteochondritis dissecans	3.
Deformity: Femur-Coxa Vara4	Osteochondrosis: Coxa plana	6
Tibia and fibula	Os calcis	1
Chondrodystrophy	PatellaTibial tubercle (Osgood-Schlatter's	
Fusion defects of bone: Spina bifida	disease)	2.
Spondylolistnesis	Round back	ĺ
Diseases due to infection: Arrest of growth, femur	Tibia vara	Ł
Deformity of tibia 1	Diseases due to prenatal influence:	
Osteomyelitis: Femur	Contracture of ligament of fifth metatarsal	7
Fibula 2	Claw feet due to spina bifida	3
Tibia 3	Deformity	1
Tuberculosis: Scapula	Hammer toe, second	11 35
Tibia 1	Talipes Transitional lumbosacral joint	8

## TABLE No. III-Continued

## Hospital Report — January 1, 1940 to December 31, 1940

Distable lumbosacral joint with   Distable lumbosacral joint with   Distable lumbosacral joint   To   Distable lumbosacral joint   To   Distable lumbosacral joint   To   Distable lumbosacral joint   To   Distable lumbosacral	Unstable lumbosacral joint	129	Diseases due to unknown cause with	
Hip. 22 Hip. 33 Diseases due to infection: Ankylosis 4 Arheritis 3 Arheritis 3 Arheritis 4 Arheritis 4 Arheritis 5 Deformity 5 Ankle 6 Elbow 1 1 Arheritis 7 Ankle 7 Hip. 17 Hip. 17 Scoliosis 1 Arheritis 1 Arheritis 7 Scoliosis 1 Arheritis 7 Scoliosis 1 Spine 3 Dislocation of hip 7 Scoliosis 1 Spine 3 Spine 4 Spine 3 Spine 4 Spine 3 Spine 3 Spine 4	Unstable lumbosacral joint with	7	manifest structural reaction:	6
Hip. 22 Hip. 33 Diseases due to infection: Ankylosis 4 Arheritis 3 Arheritis 3 Arheritis 4 Arheritis 4 Arheritis 5 Deformity 5 Ankle 6 Elbow 1 1 Arheritis 7 Ankle 7 Hip. 17 Hip. 17 Scoliosis 1 Arheritis 1 Arheritis 7 Scoliosis 1 Arheritis 7 Scoliosis 1 Spine 3 Dislocation of hip 7 Scoliosis 1 Spine 3 Spine 4 Spine 3 Spine 4 Spine 3 Spine 3 Spine 4	Dislocation:		Claw foot due to Friedreich's ataxia.	
Weak feet. 8   Flat foot with plantar fiexed talus.   Genu varigum   1   Genu varigum   3   Hallux rigidus   4   Hemitar rigidus	Fifth metatarsophalangeal joint		Deformity	2
Diseases due to infection: Ankylosis Hip.			Flat foot	2
Ankylosis		8	Flat foot with plantar flexed talus	1
Hallux rigidus   3			Genu varum	3
Shoulder		1	Hallux rigidus.	ź
Arthritis: Infectious	Shoulder	3	Hallux valgus	88
Rheumatoid   22   Suppurative   3   Foot   1   Hip   8   Ankle   2   Knee   3   Hip   8   Knee   3   Knee   3   Metatarsal   3   Spine   1   Spine   7   Sacrococcygeal   2   Spine   7   Sponotitis of hip   1   Sponotitis of h	Arthritis:			7
Suppurative 3 Deformity:	Infectious	1		2
Deformity:	Rheumatoid		Foot	í
Ankle		,		8
Foot.   2   Multiple.   1   1   1   1   1   1   1   1   1	Ankle	2	Knee	3
Foot.   2   Hip.   17   Sacrococygeal   2   2   17   Knee   14   Spine   7   7   Sacrococygeal   2   2   17   Spine   7   7   Spine   7   7   7   7   7   7   7   7   7	Elbow	ī		3
Knee	Foot		Multiple	Ţ
Mutiple. 1 Spastic flat foot. 1 Synovitis of hip. 2 Synovitis of hip. 1 Synovitis of h	Hip		Sacrococcygeal	7
Multiple	Knee		Scoliosis	82
Shoulder Spine	Multiple	i	Spastic flat foot	1
Spine	Shoulder	5	Synovitis of hip	1
Dislocation of hip. 7   Scoliosis. 2   Tuberculosis: 6   Ankle. 6   Hip. 30   Knee. 8   Sacro-iliac. 3   Spine. 30   Wrist. 1   Diseases due to trauma: 1   Ankylosis. 1   Calcification of ligaments. 2   Calcification of ligaments. 2   Calcification of ligaments. 3   Foot. 3   Metatarsal. 2   Metacarpal. 1   Knee. 2   Metacarpal. 1   Krist. 2   Metacarpal. 1   Cascrococcygeal. 1   Calcification of medial meniscus. 4   Dislocation: Atlanto-epistropheal    Atlanto-epistropheal	Spine	3		6
Scoliosis. 2 Tuberculosis: 3 Ankle. 6 Hip. 30 Knee. 8 Sacro-iliac. 3 Spine. 30 Wrist. 1 Diseases due to trauma: 4 Avulsion of trapezius. 1 Contracture of call. 2 Contracture of call. 2 Contracture of call. 2 Contracture of seriomastoid. 1 Strain of supraspinatus. 1 Torn medial meniscus. 2 Hammer toe. 1 Screno Joseph. 2 Screno Joseph. 1 Screno Joseph. 2 Screno Joseph. 3 Joseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. 3 Losse body. 1 Joseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. 1 Losse body. 1 Joseases of the Nervous System. 2 Joseases of the Dicestive System. 3 Joseases of the Dicestive System. 4 Josease Sy	Dislocation of hip	7		
Tuberculosis: Ankle	Scoliosis	1		_
Ankle	Tuberculosis:	L		
Hip. 30 Knee 8 Sacro-iliac 3 Spine 30 Wrist 1 Diseases due to trauma: Ankylosis 5 Arthritis 1 Coltracture of salf 1 Diseases due to trauma: Ankylosis 5 Arthritis 1 Deformity: Ankle 3 Elbow 3 Foot 3 Metatarsal 2 Metatarsal 2 Sacrococcygeal 1 Kree 2 Sacrococcygeal 1 Wrist 2 Detachment of medial meniscus 4 Sacrococcygeal 1 Cervical spine 1 Dislocation, recurrent, shoulder 5 Strain, lumbosacral 1 Dislocation 1 Dislocation of trapezius 1 Avision of trapezius 1 Tont muscule of spine 1 Torn muscule of spine 1 Disease due to disturbance of innervation or psychic control: Charcot joint 1 Diseases due to disturbance of innervation or psychic control: Charcot joint 1 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus 3 Losse body 1 Losse body 1 Losse body 1  Avulsion of trapezius 2 Contracture of salf 1 Contracture of supraspinatus 1 Tron muscular dys- trophy 2  Avulsion of trapezius 1 Contracture of supraspinatus 1 Diseases due to unknown cause: Contracture of sastrocnemius 1 Diseases of the Respiratory System 1 Diseases of the Digestive System 3 Diseases of the Digestive System 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus 3 Losse body 1 Losse		6	Torticollis	27
Knee	Hip			1
Sacro-lac. Spine. Spine	Knee			2
Wrist	Sacro-iliac		Contracture of sternomastoid	ī
Diseases due to trauma: Ankylosis	Spine	1	Strain of supraspinatus	1
Ankylosis		•	Torn muscle of spine	1
Arthritis		5	Diseases due to disturbance of innerva-	
Calcification of ligaments. 2 Contracture. 1 Deformity: 3 Ankle. 3 Selbow. 3 Foot. 3 Metatarsal. 2 Metacarpal. 1 Sacrococcygeal. 1 Sacrococcygeal. 1 Diseases due to unknown cause: Contracture of gastrocnemius. 1 Myositis. 2 Pseudohypertrophic muscular dystrophys. 3 Contracture of fascia lata. 3 Contracture of fascia lata. 3 Dislocation, recurrent, shoulder. 5 Hammer toe. 5 Strain, lumbosacral 1 Synovitis of knee. 7 Torn medial meniscus. 2 Torn medial meniscu				2
Contracture. 1 Deformity: 3 Ankle. 3 Elbow. 3 Foot. 3 Metatarsal. 2 Metacarpal. 1 Knee. 2 Sacrococcygeal. 1 Wrist. 2 Detachment of medial meniscus. 4 Dislocation: 4 Sacrococcygeal. 1 Sacrococcygeal. 1 Cervical spine. 1 Cervical spine. 1 Sternoclavicular. 1 Dislocation, recurrent, shoulder 5 Hammer toe. 5 Strain, lumbosacral 14 Synovitis of knee 2 Torn medial meniscus. 2 Torn medial meniscus. 2 Diseases due to disturbance of innervation or psychic control: Charcot joint. 1 Deformity due to spastic paralysis. 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. 3 Locse body. 4 Locse body. 3 Locse body. 4 Loc	Calcification of ligaments		Flaccid paralysis due to poliomyelitis	168
Ankle		1	Paralysis of hand due to nerve lesion	1
Elbow. 3 Foot. 3 Foot. 3 Metacarsal. 2 Metacarpal. 1 Knee. 2 Sacrococcygeal. 2 Wrist. 2 Detachment of medial meniscus. 4 Dislocation: 4 Atlanto-epistropheal. 2 Metatarsal. 4 Sacrococcygeal. 1 Cervical spine. 1 Sternoclavicular. 1 Dislocation, recurrent, shoulder 5 Hammer toe. 5 Hammer toe. 5 Hammer toe. 5 Torn ligaments. 7 Torn ligaments. 7 Torn ligaments. 27 Torn medial meniscus. 23 Diseases due to disturbance of innervation or psychic control: Charcot joint. 1 Deformity due to spastic paralysis. 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. 3 Losse body. 3 Losse body. 1  Elbow. 3 Menoplegia, lower. 1 Paraplegia. 7 Torticollis due to spasm. 1 Disease due to unknown cause: Contracture of gastroenemius 1 Myositis. 2 Pseudohypertrophic muscular dystrophy. 2 Tendons and fascia: Calcification of supraspinatus. 3 Contracture of fascia lata. 3 Dislocation of peroneal. 1 Dupuytren's contracture. 3 Laceration of third finger. 1 Rupture of calcaneal. 1 Tenosynovitis. 3 Trigger finger. 2  DISEASES OF THE RESPIRATORY SYSTEM 3 DISEASES OF THE DIGESTIVE SYSTEM: Compression of ulna. 1 Dystonia. 1 Losse body. 1		3	Peroneal spasm	7
Metacarpal. 1 Knee. 2 Sacrococcygeal. 1 Wrist. 2 Detachment of medial meniscus. 4 Dislocation: Atlanto-epistropheal. 2 Metatarsal. 4 Sacrococcygeal. 1 Cervical spine. 1 Sternoclavicular. 1 Dislocation, recurrent, shoulder. 5 Hammer toe. 1 Strain, lumbosacral 1 Synovitis of knee. 2 Torn medial meniscus. 2 Torn medial meniscus. 2 Diseases due to disturbance of innervation or psychic control: Charcot joint. 1 Deformity due to spastic paralysis. 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. 3 Losse body. 7 Tendons and fascia: Calcification of supraspinatus. 3 Contracture of fascia lata. 3 Dislocation of peroneal. 1 Dupuytren's contracture. 3 Laceration of third finger. 1 Rupture of calcaneal. 1 Tendons and fascia: Calcification of supraspinatus. 3 Dislocation of peroneal. 3 Dislocation of peroneal. 1 Dupuytren's contracture. 3 Trigger finger. 2  DISEASES OF THE RESPIRATORY SYSTEM 3 DISEASES OF THE DIGESTIVE SYSTEM. 3 DISEASES OF THE NERVOUS SYSTEM: Compression of ulna. 1 Dystonia. 1 Dystonia. 1 Dystonia. 1 Meralgia paresthetica. 1				13
Metacarpal. 1 Knee. 2 Sacrococcygeal. 1 Wrist. 2 Detachment of medial meniscus. 4 Dislocation: Atlanto-epistropheal. 2 Metatarsal. 4 Sacrococcygeal. 1 Cervical spine. 1 Sternoclavicular. 1 Dislocation, recurrent, shoulder. 5 Hammer toe. 1 Strain, lumbosacral 1 Synovitis of knee. 2 Torn medial meniscus. 2 Torn medial meniscus. 2 Diseases due to disturbance of innervation or psychic control: Charcot joint. 1 Deformity due to spastic paralysis. 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. 3 Losse body. 7 Tendons and fascia: Calcification of supraspinatus. 3 Contracture of fascia lata. 3 Dislocation of peroneal. 1 Dupuytren's contracture. 3 Laceration of third finger. 1 Rupture of calcaneal. 1 Tendons and fascia: Calcification of supraspinatus. 3 Dislocation of peroneal. 3 Dislocation of peroneal. 1 Dupuytren's contracture. 3 Trigger finger. 2  DISEASES OF THE RESPIRATORY SYSTEM 3 DISEASES OF THE DIGESTIVE SYSTEM. 3 DISEASES OF THE NERVOUS SYSTEM: Compression of ulna. 1 Dystonia. 1 Dystonia. 1 Dystonia. 1 Meralgia paresthetica. 1		3	Monoplegia lower	
Metacarpal. 1 Knee. 2 Sacrococcygeal. 2 Sacrococcygeal. 2 Wrist. 2 Detachment of medial meniscus. 4 Dislocation: 2 Atlanto-epistropheal. 2 Metatarsal. 4 Sacrococcygeal. 1 Cervical spine. 1 Dislocation of supraspinatus. 3 Sternoclavicular. 1 Dislocation of supraspinatus. 3 Contracture of fascia lata. 3 Dislocation of supraspinatus. 1 Dislocation of fascia lata. 3 Dislocation of peroneal. 1 Strain, lumbosacral 14 Synovitis of knee. 2 Torn ligaments. 23 Diseases due to disturbance of innervation or psychic control: Charcot joint. 1 Deformity due to spastic paralysis. 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. 3 Losse body. 3 Losse body. 1  Tertralpelgia. 7 Torticollis due to spasm. 1 Diseases due to unknown cause: Contracture of gastroenemius 1 Myositis. 2 Pseudohypertrophic muscular dystrophy. 2  Tendons and fascia: Calcification of supraspinatus. 3 Contracture of fascia lata. 3 Dislocation of peroneal. 1 Rupture of calcaneal 1 Tenosynovitis. 3 Trigger finger. 2  DISEASES OF THE RESPIRATORY SYSTEM 3 DISEASES OF THE DIGESTIVE SYSTEM: Compression of ulna 1 Dystonia 1 Meral dia the to spasm. 1  Toricollis due to spasm. 1  I Disease due to unknown cause: Contracture of gastroenemius 1  Myositis. 2 Pseudohypertrophic muscular dystrophy. 2  Tendons and fascia: Calcification of supraspinatus. 3  Contracture of gastroenemius 1  Amount of peroneal 2  Tendons and fascia: Calcification of peroneal 3  Dislocation of peroneal 4  Sacrococcygeal 4  Tendons and fascia: 3  Calcification of supraspinatus. 3  Calcification of supraspinatus. 3  Calcification of fascia lata 4  Tendons and fascia: 4  Tendons an	Metatarsal	2	Paraplegia	
Sacrococcygeal. 1 Wrist 2 Detachment of medial meniscus 4 Dislocation: Atlanto-epistropheal 2 Metatarsal 3 Sacrococcygeal 1 Cervical spine 1 Sternoclavicular 1 Dislocation recurrent, shoulder 5 Hammer toe 5 Strain, lumbosacral 14 Synovitis of knee 2 Torn ligaments 2 Torn medial meniscus 23 Diseases due to disturbance of innervation or psychic control: Charcot joint 1 Deformity due to spastic paralysis 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus 3 Losse body 1  Dislocation result of unknown cause: Contracture of gastrocnemius 1 Myositis 2 Pseudohypertrophic muscular dystrophy 2 Tendons and fascia: Calcification of supraspinatus 3 Contracture of fascia lata 3 Dislocation of peroneal 1 Rupture of calcaneal 1 Rupture of calcaneal 1 Rupture of calcaneal 1 Rupture of calcaneal 3 Trigger finger 2  DISEASES OF THE RESPIRATORY SYSTEM 3 DISEASES OF THE DIGESTIVE SYSTEM 3 DISEASES OF THE NERVOUS SYSTEM: Compression of ulna 1 Dystonia 1 Meralgia paresthetica 1	Metacarpal	1	Tetraplegia	7
Wrist	Knee	1		1
Detachment of medial meniscus. 4 Dislocation: Atlanto-epistropheal. 2 Metatarsal. 4 Sacrococcygeal. 1 Cervical spine. 1 Dislocation, recurrent, shoulder. 5 Hammer toe. 5 Strain, lumbosacral. 14 Synovitis of knee. 2 Torn ligaments. 7 Torn medial meniscus. 23 Diseases due to disturbance of innervation or psychic control: Charcot joint. Deformity due to spastic paralysis. 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. 3 Losse body. 2  Myositis. 2 Pseudohypertrophic muscular dystrophy. 2  Tendons and fascia: Calcification of supraspinatus. 3 Contracture of fascia lata. 3 Dislocation of peroneal. 1 Dupuytren's contracture. 3 Laceration of third finger. 1 Rupture of calcaneal. 1 Tenosynovitis. 3 Trigger finger. 2  DISEASES OF THE RESPIRATORY SYSTEM. 3  DISEASES OF THE DIGESTIVE SYSTEM. 3  DISEASES OF THE NERVOUS SYSTEM: Compression of ulna. 1 Dystonia. 1 Meralgia paresthetica. 1		2		- 1
Dislocation: Atlanto-epistropheal. 2 Metatarsal. 4 Sacrococcygeal. 1 Cervical spine. 1 Sternoclavicular. 1 Dislocation, recurrent, shoulder. 5 Hammer toe. 5 Hammer toe. 5 Strain, lumbosacral 14 Synovitis of knee. 2 Torn ligaments. 7 Torn medial meniscus. 23 Diseases due to disturbance of innervation or psychic control: Charcot joint. 1 Deformity due to spastic paralysis. 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. 3 Losse body. 3 Losse body. 3  Pseudohypertrophic muscular dystrophy. 2  Tendons and fascia: Calcification of supraspinatus. 3 Contracture of fascia lata. 3 Dislocation of peroneal. 1 Dupuytren's contracture. 3 Laceration of third finger. 1 Rupture of calcaneal. 1 Tenosynovitis. 3 Trigger finger. 2  DISEASES OF THE RESPIRATORY SYSTEM 3 DISEASES OF THE DIGESTIVE SYSTEM. 3 DISEASES OF THE NERVOUS SYSTEM: Compression of ulna. 1 Dystonia. 1 Meralgia paresthetica. 1	Detachment of medial meniscus	4		ż
Atlanto-epistropheal	Dislocation:	_	Pseudohypertrophic muscular dys-	_
Sacrococcygeal. 1 Cervical spine. 1 Sternoclavicular. 1 Dislocation, recurrent, shoulder. 5 Hammer toe. 5 Strain, lumbosacral. 14 Synovitis of knee. 2 Torn ligaments. 7 Torn medial meniscus. 23 Diseases due to disturbance of innervation or psychic control: Charcot joint. Deformity due to spastic paralysis. 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. 3 Losse body. 3 Losse body. 3 Tendons and fascia: Calcification of supraspinatus. 3 Dislocation of spraspinatus. 3 Dislocation of spraspinatus. 3 Laceration of third finger. 1 Rupture of calcaneal. 1 Rupture of calcaneal. 2 Tringger finger. 2 DISEASES OF THE RESPIRATORY SYSTEM 3 DISEASES OF THE DIGESTIVE SYSTEM. 3 DISEASES OF THE NERVOUS SYSTEM: Compression of ulna. 1 Dystonia. 1 Meralgia paresthetica. 1				2
Cervical spine. 1 Sterinclavicular. 1 Dislocation, recurrent, shoulder. 5 Hammer toe. 5 Strain, lumbosacral 14 Synovitis of knee. 2 Torn ligaments. 7 Torn medial meniscus. 23 Diseases due to disturbance of innervation or psychic control: Charcot joint. Deformity due to spastic paralysis. 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. 3 Losse body. 1 Contracture of fascia lata. 3 Dislocation of peroneal. 1 Rupture of calcaneal 1 Rupture of calcaneal 2 Tenosynovitis. 3 Trigger finger. 2 DISEASES OF THE RESPIRATORY SYSTEM 3 DISEASES OF THE DIGESTIVE SYSTEM. 3 DISEASES OF THE NERVOUS SYSTEM: Compression of ulna 1 Dystonia 1 Meralgia paresthetica 1	Metatarsal			_
Sternoclavicular	Cervical spine	î	Calcification of supraspinatus	3
Dislocation, recurrent, shoulder. 5 Hammer toe. 5 Strain, lumbosacral. 14 Synovitis of knee. 2 Torn ligaments. 23 Torn medial meniscus. 23 Diseases due to disturbance of innervation or psychic control: Charcot joint. 1 Deformity due to spastic paralysis. 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus. 3 Losse body. 1 Dislocation, recurrent, shoulder. 5 Hammer toe. 5 Laceration of chird finger. 1 Rupture of calcaneal. 1 Rupture of calcaneal. 2 Trenosynovitis. 3 Trigger finger. 2 DISEASES OF THE RESPIRATORY SYSTEM 3 DISEASES OF THE DIGESTIVE SYSTEM. 3 DISEASES OF THE NERVOUS SYSTEM: Compression of ulna 1 Dystonia 1 Meralgia paresthetica 1	Sternoclavicular	ī	Contracture of fascia lata	1
Hammer toe	Dislocation, recurrent, shoulder	5	Dupuytren's contracture	3
Strain, introduction of the calcaneal Synovitis of knee 2 Torn ligaments 7 Torn medial meniscus 23 Diseases due to disturbance of innervation or psychic control: Charcot joint 1 Deformity due to spastic paralysis 2 Diseases due to mechanical abnormality of unknown origin: Cyst of lateral meniscus 3 Losse body 1 Loss	Hammer toe	1.4	Laceration of third finger	1
Torn medial meniscus	Strain, lumbosacrai	2	Rupture of calcaneal	1
Torn medial meniscus	Torn ligaments	7		3
tion or psychic control:  Charcot joint		23	Trigger Inger	2
tion or psychic control:  Charcot joint	Diseases due to disturbance of innerva-		Description of the Description of Sucreta	2
Charcot joint	tion or psychic control:		DISEASES OF THE RESPIRATORY SYSTEM	,
Diseases due to mechanical abnormality of unknown origin:  Cyst of lateral meniscus	Charcot joint	1	DISEASES OF THE DIGESTIVE SYSTEM	3
mality of unknown origin:  Cyst of lateral meniscus		_		
Cyst of lateral meniscus 3 Dystonia	Diseases due to mechanical abnor-			1
Loose body 1 Meralgia paresthetica	mality of unknown origin:	3	Dystonia	î
Snapping thumb 1 Neuritis of brachial plexus 1	Loose body	í	Meralgia paresthetica	i
	Snapping thumb	i	Neuritis of brachial plexus	1

#### TABLE No. III—Continued

#### Hospital Report — January 1, 1940 to December 31, 1940

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#### TABLE No. IV

#### Report of Operations, January 1, 1940 to December 31, 1940, Inclusive

REGIONS AND INTEGUMENTARY SYSTEM	1 1	Plastic Correction of Hallux Valgus	
Amputation	26	(Silver)	42
	4 1	(Silver)	2
Aspiration	.4	Plication of Capsule	2
Aspiration of Abscess	13	Reconstruction of Ligament	1
Curettage	1	Reduction of Dislocation, Closed	7
	25	Reduction of Dislocation, Closed. Reduction of Dislocation, Open Release of Contracture Release of Congenital Club Foot (Ober). Release of Contracture of Toe	11
Dressing under Anesthesia	8	Release of Contracture	4 2
Excision of Abscess	1   1	Release of Congenital Club Foot (Ober).	2
Excision of Abscess. Excision of Clavus. Excision of Ganglion or Cyst.	12   1	Release of Contracture of Toe	12
Excision of Ganglion or Cyst	14	Release of Internal Rotation Contracture	
Excision of Neoplasm  Excision of Scar  Excision of Verruca	12	of Hip (Durham)	1
Everision of See-	4   1	of Hip (Durham)	•
Excision of Scar	6   1	Release of Internal Rotation Deformity	5
Excision of Verruca	1	of Shoulder (Sever)	
Exploration	2	Removal of Degenerated Cartilage	1
Injection of Medicament	7   1	Removal of Herniation of Intervertebral	
Onychectomy	27	Cartilage	4
Onychectomy, Partial	20   1	Removal of Loose Bodies	11
Removal of Foreign Body	2   1	Repair	4
Skin Graft, Pedicle Skin Graft, Thiersch Skin Graft, "Z"Flap	1 1	Repair of Pseudarthrosis	34
Skin Graft Thiersch	3   1	Resection of Joint	34 2 1 5
Skin Graft "7"Flan	í l i	Revision of Arthroplasty	ĩ
Okin Grait, 2 Frap.,	.   3	Shelf Stabilization of Hip	ŝ
Bones			5
Biopsy	2	Synovectomy	,
Coccygectomy	13	Muca	
Coccygectomy Curettage of Bone and Packing of Cavity with Bone Chips		Muscles	-
Coview with Bone Chine	4	Lengthening	2
Desires of Alexander	7   5	Myotomy	1
Drainage of Abscess	4 1	Myotomy	14
	10	Release	7
Excision	14   9	Suture	1
Excision, Partial	)		
Excision. Excision, Partial. Excision, Diseased or Abnormal Tissue.	9	Bursae	
Excision Epiphyseal Cartilage (Phe-		Aspiration	2
mister). 2 Excision, Ganglion or Cyst	23   í	Evereion	2 3 2 2 8
Excision Ganglion or Cyst	1 1	ExcisionExcision, Partial	á
Excision Neoplasm	ıi li	Excision, Partial	วั
Exostectomy		njection of Medicament	4
	Ί l '	rrigation	0
Inserting of Dig Mail Wise and		m	
Insertion of Pin, Nan, Wire, etc	17	TENDONS AND FASCIA Division of Iliotibial Band	_
Laminectomy	17   1	Division of Iliotibial Band	5
Manipulation	8   j	Drainage of Tendon Sheath	1
Ostectomy, Partial	9   j	Excision of Fascia	6
Osteoclasis	7   j	Excision of Fascia, Partial	2
Osteotomy. 6 Reduction of Fracture, Closed. 1 Reduction of Fracture, Open. 1 Removal of Bone Chips, Grafts or Keys. 1	5 <i>Z</i> I 1	Evolution of Tendon Partial	6 2 1 2 16
Reduction of Fracture, Closed	16   i	Fasciotomy, Plantar Fasciotomy, Plantar Fasciotomy, Posterior (Heyman) Fastiotomy, Tensor Fascia Femoris Incision of Tendon Sheath	2.
Reduction of Fracture, Open	15   i	Fasciotomy Plantar	16
Removal of Bone Chips Grafts or Keys.	16   i	Fasciotomy, Plantaire (Heyman)	4
Removal of Foreign Bodies	8   1	Fastistamy Tensor Fascia Femoris	4 11
Repair of Non-Union of Fracture with	·	Lastician of Tandan Shooth	* 3
Bone Chips or Grafts	4   1	incision of Tendon Sheath	17
	36	engthening	3 47 3
Resection	3   1	Release of Contracture of Tendon Sheath	,
Sequestrectomy	?   !	Lengthening Release of Contracture of Tendon Sheath Removal of Calcified Deposit of Tendon	_
Sequestrectomy. Sesamoidectomy. Shortening of Bone with Insertion of	4	Sheath	3
Shortening of Bone with Insertion of		Repair of Rupture of Tendon	2
I Idic	3   9	Stabilization of Shoulder (Roberts)	4
Transplantation	2   =	Tenotomy	11
	1 ^	TenotomyTransplantation of Tendon	113
JOINTS AND LIGAMENTS			
Arthrodesis		Nervous System	
Arthrodesis, Revision of	12   H	Excision of Neuroma	1
Arthroplasty. Aspiration of Joint Biopsy	6   1	Exploration of Nerve	1
Aspiration of Joint	1   1	njection of Medicament	3
Biopsy	2   1	Veurectomy	14
Capsuloplasty	2	Veurolysis	3
Canculatomy		Palance	1
Capsulotomy. Drainage. Excision of Fat Pad.	4 j	Transplantation of Nerve	1
Evision of Eat Dod	3	Tansplantation of Iverve	
Excision of Pat Pad	4Ó	Miscellaneous	
	3		1
Exploration	2 1	Appendectomy	i
Fusion	"	Fonsillectomy and Adenoidectomy	2
Injection of Medicament	1 -	Constitution Direct	84
Manipulation 2	20   7	Transfusion, Direct	04
Fusion 23 Injection of Medicament 23 Manipulation 24 Plastic Correction for Hallux Valgus		T . 1	957
(Lapidus) 1	11	Total	07/

TABLE No. V

#### Pathological Laboratory Report of Examinations Made From January 1, 1940 to December 31, 1940

		,	,	
EXAMINATIONS	Hospital	Private Pavilion	Dispensary	Country Branch
BLOOD EXAMINATIONS:  Bleeding Time	7 14 1 5 262 2	1 2 2 3 12	3 15 2 3	
Creatinine	3 842 1 670	112 1 27	322 6	1
Hematocrit. Hemoglobin. Kahn Test. Kline Test. Phosphatase. Phosphorus. Plasma Proteins. Platelet Count. Red Cell Count. Sedimentation Rate. Sugar. Sulphanilamide.	4 829 307 357 15 14 3 2 749 160	2 97 14 17 5 5 2 89 53 3	277 965 982 16 16 1 1 274 1216 6	48 48
Sulphapyridine Sulphathiazol Urea Uric Acid Wassermann* White Cell Counts Agglutination for Typhoid, Para-	5 30 18 3 18 878	10 2 5 4 113	17 69 334	2 1 3
typhoid, and Undulant Fever* Miscellaneous	2 9	1	2	1
Cultures: Blood	9 191 19 5 5	4 30 11 5 1	10 86	2
Gastric Analysis	5	3		
GUINEA PIG INOCULATION FOR TUBERCULOSIS	46	8		4
Mantoux Test	65	1	131	

#### TABLE No. V-Continued

#### Pathological Laboratory Report of Examinations Made From January 1, 1940 to December 31, 1940

EXAMINATIONS	Hospital	Private Pavilion	Dispensary	Country Branch
SMEAR EXAMINATIONS: Bacteria Count of Wound. Pus for Tubercle Bacillus. Skin Scrapings for Fungi. Sputum for Tubercle Bacillus. Urine for Tubercle Bacillus. Vaginal for Gonococcus. Miscellaneous.	14 4 3 9 16 221	1 3 2	3 2 115 4	
SPINAL FLUID EXAMINATIONS: Cell Count. Chlorides Colloidal Gold* Globulin. Kline. Lipiodol Estimation Total Proteins. Wassermann*	107 2 9 103 89 106 12	16 1 2 17 7 1 15 5		
Sputum for Pneumococcus Typing*	4	2		
STOOL Examination	1			
Tissub Examinations: Autopsy	2 6 259	1 25	1	
URINE EXAMINATIONS:  Bence-Jones Protein  Bile  Calculus  Phenolsulphonphthalein.	2 3 1 7	1		
RoutineSugar, quantitativeSulphathiazol.Vitamin C	2779 1 1 1	351 5	115	
Vaccines: Autogenous	5	7	15	
Totals	9,351	1,111	5,009	111

Total Tests 15,582

<sup>\*</sup>Examinations by New York City Department of Health.

#### TABLE No. VI

#### Department of Roentgenology—Dispensary and Hospital Report from January 1, 1940 to December 31, 1940

Number of Patients Roentgenographed	10,288
Number of Roentgenograms Made	21,876
Number of Dental Films Used	1,855
Number of Patients Photographed	330
Number of Roentgen Therapy Treatments.	1,133

#### TABLE No. VII

#### Dental Department, Dispensary and Hospital Report from January 1, 1940 to December 31, 1940

Number of Examinations.	1,163
Number of Extractions.	391
Number of Treatments.	38
Number of Fillings.	1,594
Number of Prophylactic Treatments.	800

#### TABLE No. VIII

#### Report of the Brace Shop January 1, 1940 to December 31, 1940

races and Appliances Made:	
Spinal Braces	
Arm Braces	
Belts	
Ankle Braces.	
Leg Braces	
Insoles, Single	2,
Miscellaneous	
Total	2,
races and Appliances Repaired	3,

#### TABLE No. IX

TYPE OF CASE	In C. B. Jan. 1 1940	Total Admitted	Total Discharged	In C.B. Dec. 31, 1940
Musculo-Skeletal System				
Diseases Due to Prenatal Influence:				
Bones:				
Chondrodystrophy	0	1	1	0
Hemivertebra	1	0	1	0
Spondylolisthesis	1 0	6 2	6 2	1 0
Coxa Vara	U		2	U
epiphysis	0	1	1	0
Ostibiale Externum	0	1	1	0
T				
JOINTS: Transitional lumbosacral joint	1	3	4	0
Unstable lumbosacral joint	11	31	37	5
Dislocated hips	7	10	10	7
Talipes	2	14	13	3
Claw foot due to spina bifida	0	2	2	0
Claw foot due to spina bifida with myelomeningocele	0	1	1	0
my cromening occie	Ů	1		Ŭ
Muscles:				
Torticollis	0	3	1	2
Flaccid paralysis due to birth injury Weak feet	1	0 11	1 9	0
Weak lett	1	11		,
Diseases Due to Infection:				
Bones:	2	0	2	0
Tuberculosis of spine Osteomyelitis of spine	3	0	3	0 1
Osteomyelitis of femur	ō	1	1	ō
Shortening of femur due to suppurative				
arthritis	0	2	1	1
Varus deformity of tibia	0	1	0	1
JOINTS:				
Rheumatoid Arthritis spine	0	2	1	1
Rheumatoid Arthritis multiple	6	11	9	8
Rheumatoid Arthritis elbow, wrist, and	•			
hand	0	1	1	0
toid Arthritis	1	1	2	0
Deformity of shoulder following Rheu-	_	_		
matoid Arthritis	0	1	1	0
Deformity of hip following Rheumatoid	,	2	2	,
Arthritis	1 1	6	2	1 5
- Pparatite victoria or mp	•	Ü	-	,

#### TABLE No. IX-Continued

				<del></del>
TYPE OF CASE	In C. B. Jan. 1 1940	Total Admitted	Total Discharged	In C.B. Dec. 31, 1940
I Continued				
JOINTS—Continued.  Deformity of knee following Suppura-				
tive Arthritis	0	2	2	0
Dislocation of hip following Suppura-				
tive Arthritis	1	1	2	0
Ankylosis of hip	1	1	1	1 0
Deformity of knee due to Osteomyelitis.	Ö	i	i	ŏ
Tuberculosis of spine	6	17	13	10
Tuberculosis of shoulder	1	0	1	0
Tuberculosis of wrist	1	1 2	2 2	0
Tuberculosis of sacro-iliac joint Tuberculosis of hip	0 6	21	15	12
Deformity of hip due to Tuberculosis	1	0	i	0
Tuberculosis of knee	ī	3	1	3
Tuberculosis of ankle	0	3	3	0
Marana				
Muscles: Poliomyelitis Acute	1	0	1	0
1 Offormy critis reduce	1		1	
DISEASES DUE TO TRAUMA:				
Bones:	_			
Compression fracture of spine	0	2	2	0
Fracture of dorsal vertebra	0 1	0	1	0
Equinovarus deformity following frac-	•	1	_	
ture	0	1	1	0
Malunion fracture of shoulder	0	1	1	0
Partial dislocation humeral head	1	0	1	0
Fracture of radius	1	3	3	1
Non-union fracture both tibiae	ō	ĺí	ĺí	ō
Deformity radius and ulna following				
fracture	0	1	1	0
Deformity metatarsal bases following	,	,	1	0
fracture  Hallux valgus with exostoses	1	3	4	0
Tianux vaigus with exostoses	Ŭ	1		
JOINTS:				
Herniation of intervertebral cartilage	0	1	1	0
Pseudoarthrosis spine fusion	1	1	2	0
Varus deformity ankle following frac-	0	3	2	1
Malunited fracture of ankle	ŏ	í	ī	ō
Traumatic arthritis of ankle	Ö	1	1	0
Deformity of foot following fracture	0	1	1	0
			4.1	

#### TABLE No. IX-Continued

TYPE OF CASE	In C. B. Jan. 1 1940	Total Admitted	Total Discharged	In C.B. Dec. 31, 1940
Muscles: Lumbosacral strain Contracted calves	0 1	1 2	1 3	0
TENDONS: Partial rupture calcaneal tendon	0	1	1	0
Diseases Due to Disturbance of Innerva- tion or Psychic Control:				
Muscles:  Flaccid paralysis due to poliomyelitis  Claw foot due to poliomyelitis  Flaccid quadriplegia due to polio-	34 4	110	107 5	37 2
myelitis. Spastic flat foot. Spastic paralysis.	1 0 3	0 1 23	1 1 19	0 0 7
Diseases Due to Static Mechanical Ab- Normality:				
Bones: Scoliosis postural	0	1	0	1
Diseases Due to Disorders of Metabolism Growth or Nutrition:				
Bones: Osteomalacia of spine	0	1 1	0	1 0
JOINTS: Tibia Varum due to rickets	0	1	1	0
New Growths:				
Bones: Giant cell tumor, radius	0	1	1	0
JOINTS: Synovioma of knee	0	1	1	0
DISEASES DUE TO UNKNOWN OR UNCERTAIN CAUSES:				
Bones: Osteochondrosis. Slipped epiphysis. Bony cyst tibia. Deformity medial cuneiform joint. Deformity due to Friedreich's Ataxia.	4 3 0 0 1	3 7 1 1	4 9 1 1	3 1 0 0

#### TABLE No. IX-Continued

TYPE OF CASE	In C. B. Jan. 1 1940	Total Admitted	Total Discharged	In C.B. Dec. 31 1940
JOINTS: Scoliosis Herniation of intervertebral cartilage Genu Varum. Osteoarthritis of hip. Osteoarthritis of knee. Synovitis of knee. Osteoarthritis of feet. Hallux Valgus.	0 0 0	52 2 3 2 1 1 1 2	51 2 1 2 1 1 1 2	18 0 2 0 0 0
Muscles: Acute lumbosacral strain with sciatica. Claw foot	1 0 0 3	2 5 3 2 0	2 4 2 2 3	0 2 1 0 0
Diseases of Respiratory System: Common Cold	0	6	6	0
	134	433	424	143
Number of patients under two years of a Number of patients from two to sixteen Number of patients over sixteen treated. Number of patient days Number of patients per day Average days stay per patient	treated			8 298 261 52,741 144 124.4
Number of physical therapy treatments.				26,979

#### TABLE No. X

#### Department of Roentgenology—Country Branch Report from January 1, 1940 to December 31, 1940

Number of Patients Roentgenographed	972
Number of Roentgenograms Made	,361
Number of Dental Films Used	18
Number of Roentgen Therapy Treatments	32

#### TABLE No. XI

#### Dental Department—Country Branch Report from January 1, 1940 to December 31, 1940

Number of Examinations	479
Number of Extractions.	40
Number of Treatments	48
Number of Fillings.	576
Number of Prophylactic Treatments.	467

#### REPORT OF THE SUPERINTENDENT

To the Board of Trustees,

New York Orthopaedic Dispensary and Hospital

#### GENTLEMEN:

In this time of serious strife and struggle in other parts of the world we have in America the privilege of thinking of the care of the civilian sick and those human lives that are crippled by disease.

Dr. Benjamin P. Farrell, who has been associated with the hospital for over thirty years and for the past ten years the Chief Surgeon, resigned and Dr. Alan DeForest Smith was appointed to the position.

This year the Orthopaedic Hospital has had many changes, both in staff, treatment and equipment. The extensive additions made to the Physical Therapy Department have been an added feature, an underwater tank was installed through the gift of the After Care of Crippled Children, Inc., also whirlpool tanks, diathermy, short wave, sine wave and heat lamps have been added. Dr. William B. Snow and Dr. A. David Guréwitsch were put in charge of the department and additional technicians were added to the existing staff.

The Department of Roentgenology, under the new director, Dr. Lawson E. Miller, Jr., has planned and is carrying on definite changes in equipment and technique.

The nursing service has given its usual good care to the patients. Eight hour duty was instituted for general duty nurses the first of the year and has proved itself worthwhile as we do not find the nurses so tired or their day made so long and arduous. With all the demands made by the Army,

Navy and Red Cross for nurses we find it becomes more and more difficult to obtain nurses for the post graduate course. In connection with Teachers' College, Columbia University, the nursing department here is assisting with a course in orthopaedic nursing for the students who come to the College. This course at the College is made possible through the Infantile Paralysis Fund and we hope through our connection with Teachers' College to improve our post graduate course.

The Social Service Department has had a year of success. This department is a vitally important factor both in the Dispensary and in the hospital.

The Dietetic, Housekeeping and Engineering Departments here have functioned admirably. It was found necessary to change the cold water pipes in one section of the hospital; this work was started in September and we hope to have it completed early in the spring. The usual amount of painting was done during the year. A large amount of repairs were made on the passenger elevators.

The Country Branch has carried on in a satisfactory manner. In December a tractor and plough was purchased. This new equipment will aid very much in not only clearing away the snow in the winter but in the work on the grounds throughout the year.

Some statistics which will show the work done during the year follow:

Number of ward patients treated: City Country Branch	
Number of Private Patients.	208
Number of Associated Hospital Service Patients	55
Number of patient days: City Country Branch	33,721 52,741

Average length of stay of patient: City Country Branch	33 days 124.4 days
Number of Dispensary visits	94,319
Number of treatments given in Physical Therapy Department: City Country Branch	62,412 26,979
Number of x-rays taken: City Country Branch	20,982 1,361
Per capita cost per patient day: City Country Branch	\$6.29 \$4.02
Per capita cost per Dispensary visit	\$1.37
Number of employees: City Country Branch	202 117

I would like to take this opportunity to thank the members of the medical staff for the aid which they have given during the past year, and to the heads of departments and employees of the hospital and Country Branch I am most grateful for their co-operation and devotion to the work.

This report would not be complete without expressing my appreciation to the Board of Trustees and the Board of Supervisors for the understanding and help which they have given me in carrying on the administration of the hospital.

Respectfully submitted,

THEODORA S. ROOT,
Superintendent.

#### ACCOUNTANTS' REPORT

New York Orthopaedic Dispensary and Hospital, New York, New York.

We have made an examination of the balance sheet of the New York Orthopaedic Dispensary and Hospital as of December 31, 1940, and of the related statement of income and unappropriated current funds' surplus for the fiscal year then ended. These statements were prepared from the accounts kept by the custodian, Central Hanover Bank and Trust Company, on the basis of cash receipts and disbursements.

In connection with such examination, we examined or tested accounting records maintained for the institution by the custodian and other supporting evidence, and obtained information and explanations from officers and employees of the custodian; we also made a general review of the operating and income accounts shown on the said accounting records for the year, but we did not make a detailed audit of the transactions or of the accounting records maintained at the City Dispensary and Hospital and the Country Branch except to substantiate the remittances by the institution to the custodian and the remittances from the custodian to the institution as recorded by the custodian, and to account for the advances for petty cash and special nurses shown on the books kept by the custodian. Our examination of the income from patients, city aid, contributions and other sources received by the institution and remitted to and recorded by custodian was limited to comparison of the total amounts with the related amounts shown on the books kept at the City Dispensary and Hospital and the Country Branch.

The investments shown on the books at December 31, 1940 were in agreement with those shown on certified lists submitted to us by the Central Hanover Bank and Trust Company. Real estate mortgages and mortgage participations, including past due and open items and those on which interest is in arrears, are shown in the accompanying balance sheet at face amounts or at cost if less, as market quotations are not available. As heretofore, we did not request confirmation of the balances of the outstanding mortgages or interest in arrears thereon by means of correspondence with the mortgagors.

In accordance with the adopted policy, no allowance was made for depreciation of buildings and equipment. No charges were made for additions to plant during 1940; minor additions were charged to reserve for plant betterments or operating expenses.

In our opinion, based upon the examination described in the foregoing paragraphs and subject to the foregoing explanations, the accompanying balance sheet and related statement of income and unappropriated current funds' surplus present fairly the position of the New York Orthopaedic Dispensary and Hospital at December 31, 1940, and the results of its operations for the year 1940 on the basis of cash receipts and disbursements.

LYBRAND, Ross Bros. & Montgomery.

New York, April 7, 1941.

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

## BALANCE SHEET, DECEMBER 31, 1940 (On Basis of Cash Receipts and Disbursements)

ASSETS		
ENDOWMENT AND OTHER NONEXPENDABLE FUNDS ASSETS (COnsolidated):		
Bonds and stocks (approximate amount at market quotations, \$2,994,400)		\$ 3,279,357.61
amounts or cost, if less, including past due and open items and those on which interest is in arrears		1,707,513.25
In vicinity of City Dispensary and HospitalOther	\$ 403,612.03 621,825.09	1,025,437.12
Cash awaiting investment		150,762.63
Total endowment and other nonexpendable funds assets		6,163,070.61
PLANT:  Land, buildings and equipment, at book amounts (no allowance for depreciation):  City Dispensary and Hospital	2,311,289.00 1,124,965.61	3,436,254.61
CURRENT FUNDS ASSETS: Bonds (approximate amount at market quotations, \$545,600). Advances for petty cash	505,497.82 2,500.00 3,000.00 101,083.82	
Total current funds assets		612,081.64

... \$10,211,406.86

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

#### BALANCE SHEET, DECEMBER 31, 1940 (On Basis of Cash Receipts and Disbursements)

FUNDS AND LIABILITIES		
ENDOWMENT AND OTHER NONEXPENDABLE FUNDS (consolidated): Beds and rooms endowed in perpetuity (income used for hospital		
expenses) Endowment funds: Unrestricted as to use of income: City Dispensary and Hospital	\$ 744,596.03	\$ 598,342.80
Country Branch:  Emily A. Watson fund. \$2,005,642.21  Other. 40,300.00	2,045,942.21	
Restricted as to use of income: Annie C. Kane fellowship fund	1,002,500.00	3,793,038.24
Unrestricted funds functioning as endowment:  Legacy under Will of Caroline A. James  Other	1,102,256.62 669,432.95	1,771,689.57
Total endowment and other nonexpendable funds		6,163,070.61
Capital Invested in Plant		3,436,254.61
Current Funds and Liabilities:  Restricted expendable funds: Annie C. Kane fellowships for surgeons. Research fund. Special gift accounts. Statira Bridgman fund.	185,874.49 59,916.67 872.11 23.11	
	246,686.38	
General: Surplus: Appropriated:		
Reserve for plant betterments		
Unappropriated, per statement attached  297,688.36 67,706.90		
	365,395.26	
Total current funds and liabilities		612,081.64
Total funds and liabilities		\$10,211,406.86

## NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL DEERING Howe, Treasurer

## STATEMENT OF INCOME AND UNAPPROPRIATED CURRENT FUNDS' SURPLUS FOR YEAR ENDED DECEMBER 31, 1940 (On Basis of Cash Receipts and Disbursements)

INCOME:	£340 437 60	
Investment securities and rented properties  Less, Amount apportioned to restricted expendable funds	\$249,427.89 36,966,41	\$212,461.48
Patients' board, professional care, etc		194,868.23
City aid		138,609.11 59,982.80
Special contributions		7,515.00
Free beds annually endowed		2,100.00 2,481.20
Miscellaneous		7,474.67
Total income	-	625,492.49
Expenses:		
Professional care of patients	268,168.66	
Annie C. Kane fellowships for surgeons	7,200.00	
<del>-</del> -	260,968.66	
Household and property	257,585.40 77,485.55	
Administrative	77,403.33	
Total expenses		596,039.61
Net income for year 1940		29,452.88
Appropriation for Reserve for Plant Betterments		40,629.30
Net loss for year 1940 after appropriation	-	11,176.42
Unappropriated Current Funds' Surplus, December 31, 1939.		109,042.17
	_	97,865.75
Loss on Sales of Current Funds' Investments in 1940		30,158.85
Unappropriated current funds' surplus, December 31, 1940	=	\$67,706.90

#### ENDOWED BEDS

#### In Perpetuity

- 1883. By Miss C. B. Hicks, continued in perpetuity by Buchanan Winthrop.
- 1886. By Mrs. Elizabeth Milbank Anderson, four beds. In Memoriam J. Milbank Anderson.
- 1891. By Alfred Corning Clark, three beds.
- 1891. By Edward Severin Clark, two beds, to be known as the "Edward Severin Clark Beds."
- 1891. By Mrs. Henry S. Winthrop.
- 1893. By Mrs. William D. Sloane. In Memoriam William Douglas Sloane, Jr.
- 1893. By James K. Gracie. In Memoriam Anna Bulloch Gracie.
- 1893. By Miss Sarah B. Gibbs.
- 1894. By Mrs. Richard Tylden Auchmuty, two beds. In Memory of Richard Tylden Auchmuty.
- 1894. By James H. Jones.
- 1896. By Mrs. William Astor. In Memory of Helen Roosevelt.
- 1896. By Mrs. Evan T. Walker. In Memory of John J. Walker.
- 1897. By Mrs. William D. Sloane, two beds, one bed in Memoriam Maria Louise Vanderbilt and one in Memoriam Emilie Vanderbilt Burden.
- 1898. By Mrs. Charles B. Alexander, for her Daughter, named the Harriet Alexander Bed.
- 1901. By Mrs. N. A. Baldwin. In Memory of Louise Suydam Duer.
- 1901. By Mrs. Benjamin Brewster. In Memoriam Benjamin Brewster.
- 1901. By Henry T. Sloane, Jessie and Emily Sloane, bed endowed by their Father.
- 1901. By Mrs. Marion Story. In Memory of M. Furman Hunt.
- 1902. By James Henry Smith, two beds. In Memory of George Smith.
- 1902. By Miss Emily A. Watson. In Memory of Mrs. Mary J. Walker.
- 1904. By Miss Cornelia Prime. In Memory of her Brother, Temple Prime.
- 1904. By Miss Helen Phipps.
- 1904. By James K. Gracie. In Memory of Esther Gracie Ogden.
- 1906. By Miss Caroline White.
- 1906. By Mrs. M. Dwight Collier. In Memory of Maurice Dwight Collier.
- 1908. By Mrs. H. N. Munn, Mrs. Augusta Munn Tilney, Orson D. Munn. In Memory of Henry Norcross Munn.
- 1911. By Everetta C. Whitney estate.

- 1911. By Miss Josephine C. Smith. In Memory of her Father, Dr. Edward A. Smith, and her Mother, Rebecca Miller Smith.
- 1913. By Estate of Marion de Forest Clark. In Memory of Julian Bouton Clark.
- 1913. By an anonymous donor, to be known as "Mary Townsend Cuyler Bed."
- By Carolina F. Butterfield. In Memory of Frederick Falconer Butterfield.
- 1915. By Miss Emily Trevor.
- 1915. By Mrs. Frederick W. Vanderbilt, to be known as "The Louise Bed."
- 1915. By George Grant Mason, two beds. In Memory of his Uncle, James Henry Smith.
- 1916. By Henry M. Tilford. In Memory of Catharine Hunt Tilford.
- 1916. By estate of Miss Clementine Furniss, to be known as the "Clementine Furniss Bed."
- 1916. By an anonymous donor.
- 1917. By Mrs. Charles H. Senff. In Memory of her little Son, Henry Senff.
- 1917. By Mrs. A. Murray Young. In Memory of her Great Uncle, Wilson G. Hunt.
- 1919. By R. Fulton Cutting, to be known as the "Helen Suydam Cutting Bed."
- 1919. By Mrs. Frederick Delano Hitch.
- 1919. By Levi P. Morton. In Memory of Anna Livingston Morton.
- 1919. By Miss Georgiana G. R. Wendel, two beds. "In Memory of my Sister, Augusta A. S. Wendel."
- 1919. By various donors. Bed in Memory of Theodore Roosevelt, former President of the United States.
- 1920. By Mrs. John Hobart Warren.
- 1921. By Mrs. Winthrop W. Aldrich. In Memory of her little Son, Winthrop Williams Aldrich, Jr.
- 1921. By F. Ambrose Clark, to be known as "The Florence L. Clark Bed."
- 1922. By Mrs. David T. Dana. In Memory of her Mother, Mrs. M. Dwight Collier.
- 1924. By Charlotte Bruce Bickmore Estate. In Memory of Albert Smith Bickmore, Jr.
- 1924. By Mrs. Louise Ward McAllister Lewis. In Memory of her Mother.
- 1925. By Miss Elizabeth J. Hofer, two beds. In Memory of Horatio C. Kretchmar.
- 1925. By Percy Chubb. In Memory of his Wife.

- 1925. By Junior Red Cross of the Public Schools of New York.
- 1925. By Mrs. Douglas Robinson. In memory of her Friend, Charles Allen Munn.
- 1926. By Junior Red Cross of the Public Schools of New York.
- 1927. By Darrach Home.
- 1928. By Mrs. Mary L. Schoonmaker, ten beds. In Memory of Sylvanus Lothrop Schoonmaker and Frank Layng Schoonmaker.
- 1928. By estate of Henry D. Dickinson. In Memory of Hathaway M. Dickinson.
- 1930. By James T. and Sarah Bancroft Leavitt, to be known as the "Mrs. James T. Leavitt Bed."
- 1934. By Henry C. deRham, Frederic F. deRham and Clarisse deRham Rutherfurd. In Memory of their Parents, Charles and Emily Howe deRham.
- 1935. By Mrs. Percy R. Pyne and Family. In Memory of Meredith Howland Pyne.
- 1936. By Miss Elizabeth Stewart Hamilton. In Memory of Mrs. John Hobart Warren, to be known as the "Harriette Mott Warren Bed."
- 1936. By Mrs. Edward S. Harkness. "Dorcas House Bed." In Dear Memory of Wilma Gideon.
- 1938. By Miss Grace Howard Potter. In Memory of Howard and Mary Louisa Potter.

#### **ENDOWED ROOMS**

#### In Perpetuity

- 1922. By Glenn Ford McKinney, a Ward Room in the Country Branch. In Memory of His Wife, Jean Webster McKinney.
- 1929. By 400 of his Friends and Associates, a Room in the Private Pavilion. In Memory of H. Le Roy von Lackum, M. D., Surgeon in this Hospital 1916-1928.

#### BEDS ENDOWED YEARLY

- By DeLancey K. Jay and Mrs. John H. Prentice. In Memory of the Officers and Men of the 307th Infantry who died in the Great War.
- By the Junior Guild of the New York Orthopaedic Dispensary and Hospital.
- By Miss Jessie H. Miller. In Memory of her Sister, Isabella Miller.
- By Mrs. Stanley Mortimer. In Memory of Anna Hall Roosevelt.
- By Miguel J. Ossorio.
- By Mr. and Mrs. Arnold Whitridge.

#### ANNUAL REPORT

#### ORTHOPAEDIC HOSPITAL RED CROSS UNIT

JANUARY 1, 1940 TO DECEMBER 31, 1940

Days open	18
Average Attendance per day	4
TOTAL PRODUCTION	
urgical Dressings	23,935

Respectfully submitted,

LETITIA H. HIGGINS,

Chairman.

#### FORTY-SECOND ANNUAL REPORT

of the

JUNIOR GUILD

of the

NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

Officers

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Mrs. WALTER KOBBÉ

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Mrs. WALTER KOBBÉ Mrs. DAVID H. TAYLOR
Mrs. EFFINGHAM LAWRENCE Mrs. PAUL G. THÉBAUD

Miss ESTHER WATERMAN

#### REPORT OF THE JUNIOR GUILD

The work of the Junior Guild has been the same during the past year. Our meetings are held at the hospital on the first Wednesday of every month from November to May.

We maintain a bed in the children's ward, supply the clothing used in the wards, make a payment towards the salary of a visiting nurse, and give a monthly sum to the nurse to be used for milk and eggs for undernourished children before or after hospitalization.

At Easter we send ice cream to the three children's wards, and at Christmas we fill white cotton stockings with toys for each child. These stockings are used in the wards afterwards.

The funds for our various activities are raised through dues, donations and our yearly appeals.

We regret to announce the death of one of our most valued members, Mrs. Louis Haight.

Respectfully submitted,

FLORENCE S. KOBBÉ,
Secretary.

#### REPORT OF THE JUNIOR GUILD

#### From January 1, 1940 to December 31, 1940

RECEIPTS		EXPENDITURES	
Balance January 1, 1940 Interest Dues and Donations	\$2,003.20 4.05 2,574.50	Towards Nurse's Salary Endowed Bed Nurse's Extras Easter Ice Cream Printing Clothing	\$1,500.00 350.00 81.40 5.40 760.53 55.76 \$2,753.09
	\$4,583.75	Bank Balance December 31, 1940	1,828.66

MELINDA G. REMSEN,

Treasurer.

The sum of \$7,500 endows a bed in perpetuity, and the sum of \$350 endows a bed for one year.

## Form of Certificate of the Donor of an Endowed Bed in Perpetuity

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

This is to Certify that the New York Orthopaedic D	ispensary and Hospital
through its Trustees has received from	
herein designated as the donor, a fund of Seven Thousand	Five Hundred Dollars,
for the purpose of founding and maintaining in accorde	ance with its corporate
powers an endowed bed in its Hospital in perpetual memory	y of
The donor shall have the privilege of nominating th	e occupant of said bed,
but such nomination and the use of said bed shall be si	
and regulations governing endowed beds, and providing f	
tion and discharge of patients as now exists or which n	
by the Board of Trustees of said Dispensary and Hospital	
Witness this corporate seal of the New York Ortho	paedic Dispensary and
Hospital, and the signatures of two of its officers, this	day of
one thousand nine hundred and	• • • • • • • • • • • • • • • • • • • •
Secretary.	President.

#### FORM OF BEQUEST



SEVENTY-FOURTH YEAR BOOK

To the Year 1941

Seems 1

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

New York City

COUNTRY BRANCH White Plains, New York



#### SEVENTY-FOURTH YEAR BOOK FOR THE YEAR 1941

NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

420 East 59th Street, New York City

COUNTRY BRANCH White Plains, New York



#### **CONTENTS**

	AGE
Board of Trustees and Officers	5
Trustees' Standing Committees	6
Board of Supervisors and Officers	7
Supervisors' Standing Committees	8
Medical Staff	9
Consulting Staff	11
Medical Staff, Country Branch	12
Executive Staff	13
Executive Staff, Country Branch	14
Report of Vice-President	15
Report of Board of Supervisors	17
Report of Surgeon-in-Chief	19
Table I. Summary of New and Old Cases	25
Table II. Dispensary Report	26
Table III. Physical Therapy Report	27
Table IV. Hospital Report	28
Table V. Report of Operations	29
Table VI. Pathological Laboratory Report	31
Table VII. Department of Roentgenology,	
Report of Dispensary and Hospital	32
Table VIII. Dental Department,	
Report of Dispensary and Hospital	32
Table IX. Instrument Report	33
Table X. Summary of Cases, Country Branch	34
Table XI. Department of Roentgenology,	2.5
Report of Country Branch	35
Table XII. Dental Department,  Report of Country Branch	35
Table XIII. Physical Therapy,	))
Report of Country Branch	35
Report of Superintendent	36
Report of Treasurer	38
Auditors' Report	41
Endowed Beds in Perpetuity	42
Endowed Rooms in Perpetuity	45
Beds Endowed Yearly	45
Report of Orthopaedic Hospital Red Cross Unit	46
Report of Junior Guild	47
Form of Certificate to Donor of Endowed Bed	51
Form of Bequest	52







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32 Liberty Street

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### REPORT OF THE VICE-PRESIDENT

To the Board of Trustees and the Board of Supervisors of the New York Orthopaedic Dispensary and Hospital

#### LADIES AND GENTLEMEN:

The Hospital has concluded another year of service to the community. The war has left its mark on our institution, as it has on practically every institution in the country.

It is a matter of regret to everyone connected with the Hospital, from a purely selfish standpoint, that our President, Mr. Wm. Sheffield Cowles, accepted a commission in the United States Navy in 1941 and we are no longer benefitted by his wise judgment and untiring interest. He offered his resignation to take effect at the pleasure of the Board, but it was our unanimous opinion that he should be given a leave of absence. We note with pride that he, other members of the Board, and members of the hospital staff have gone into the service. It is our duty to carry on as best we can and assume the responsibilities of those who have gone into the service of our country.

The executive work at the Hospital now falls heavily on the shoulders of the members of the Executive Committee and we can congratulate ourselves that the work is being carried on in a way that reflects credit to the institution.

The reports of the Surgeon-in-Chief and the Superintendent cover the service performed by the Hospital in the City and the Country Branch in White Plains. I will not

attempt to repeat the statistics contained in these reports. Our plant administration continues to be rated A-1 by the State Board of Charities and we believe that all is being done to continue the high standard of service that has been rendered in the past.

It is with the very sincere regret that we record the death of De Lancey K. Jay in March, 1941, one of our most loyal and devoted members of the Board. Mr. Jay became a member of the Board of Trustees in 1908 and served continuously from that time on with the exception of the years of the World War when he served with distinction as Lieutenant Colonel in the 307th Infantry. I am sure the Board of Trustees and the staff of the Hospital felt a sense of personal loss when they heard of his death. He had a delightful personality and his ready sympathy and sincerity won the affection of those with whom he came in contact.

Respectfully submitted,
FRANK L. POLK,
Vice-President.

# REPORT OF THE BOARD OF SUPERVISORS

To the Board of Trustees, New York Orthopaedic Dispensary and Hospital

#### GENTLEMEN:

The work of the Board of Supervisors closely followed the pattern of many years past. Attendance at meetings of the Board and of the various sub-committees has been well up to the usual high standard in spite of the many new wartime preoccupations of the members.

The informal inspections of the different departments of the Hospital have taken place each month as usual. The monthly meetings of the Free Bed Committee, which accompanies the Surgeon-in-Chief through the wards, and of the Social Service Committee with Mrs. Holway, have been regularly held.

This year our team for the United Hospital Drive was headed by Mrs. Thomas Hitchcock. They raised more than their allotted quota, which was a substantial one, and tied for second place (out of 54 hospitals) in the efficiency rating of the drive.

The patients' library is flourishing and much appreciated. The latest books are added to it from time to time, paid for by a fund contributed by the Board.

As usual, presents at Christmas were given by members of the Board to every patient in the hospital and in the Country Branch, and fifty baskets were distributed to needy families known to the Social Service Department.

One sad fact remains to be mentioned—the loss in the past year of three of our most faithful, most generous and

best loved members: Miss Caroline White, Mrs. Henry Morgan Tilford, and Mrs. Robert S. Brewster. Each of these had been a member of the Board for over 25 years, and we miss them sadly.

Miss Jessie H. Leonard, Mrs. Stanley G. Mortimer, and Mrs. Willis L. M. Reese have been elected to the Board.

Respectfully submitted,

Leslie M. Chanler,

Secretary.

### REPORT OF THE SURGEON-IN-CHIEF

To the Board of Trustees of the New York
Orthopaedic Dispensary and Hospital

#### GENTLEMEN:

The effect of the war upon the activities of the hospital already had made itself felt at the end of the year and its impact was still greater at the time this report was written. The importance of an orthopaedic hospital both in supplying surgeons for the Army and Navy and in meeting the needs of the civilian population in such an emergency is evident. Careful thought and effort have been given toward making this hospital as effective as possible to these ends.

Emergency squads composed of resident surgeons and nurses have been formed and their services have been offered in case of catastrophe. The training of these teams, which are to be on call day and night, has been started and temporary equipment has been furnished by the hospital until the regular supplies are received from the office of Civilian Defense. Transportation for these squads is likewise to be furnished and as soon as it has been provided we will be ready to render this service.

A First Aid course for nurses has been started. It is being given by the Fellows under the auspices of the American Red Cross.

The Director of Emergency Medical Service has requested the hospital to make available the out patient department as a casualty station in which the victims of bombings or other accidents can receive temporary treatment until they are transferred to other hospitals. We have

acceded to this request and are to receive cots, blankets, etc., to be used for this purpose.

It is believed that if the need arises the hospital wards could be used to the greatest advantage for the treatment of fracture cases. Although we are not organized to admit a large number of casualties in an emergency we could discharge our ambulatory patients and transfer the others to the Country Branch, thereby clearing our wards for the admission of fracture patients from other hospitals. This offer has been made to the Emergency Medical Service but has not yet been acted upon.

Measures have been taken to prepare the personnel and patients both in the city hospital and Country Branch for air raids. A well planned course of procedure has been worked out and numerous rehearsals have been held until we now feel that everyone knows his station and duties in case of an alert or an actual raid.

The loss of many of the younger members of the surgical staff to the Army, Navy or important industrial work is inevitable and a number already have left. Among the attending staff Dr. Anderson is on active duty in the Navy and Dr. Liebolt is a member of the New York Hospital unit awaiting orders. Of the Annie C. Kane Fellows, Dr. Sheppard is in the Navy and Doctors Gill and Bannow have taken positions as orthopaedic surgeons with a large shipbuilding company. From the residents, Doctors Earp and Ralston are on duty in the Medical Corps of the Army and Dr. Knocke has offered to serve with the unit of the Lenox Hill Hospital.

The need of the Army for additional medical officers is so great that there is danger that so many of our residents, fellows and younger staff members may be taken that our activities may be curtailed to a serious extent. It has been necessary to reduce the number of clinic services from five to four, but to date the operation of the hospital has not been seriously impaired. The scarcity of nurses already is felt. We have been fortunate in obtaining several nurses aides whose work has been efficient aud valuable. These young women have given their services to the hospital without compensation.

The hospital has been designated as one of a number to give graduate instruction in orthopaedic surgery to student officers of the Army or Navy and we have been pleased to offer our facilities for this purpose. The continuance of instruction at the College of Physicians and Surgeons throughout the summer will place additional work on the staff as teachers.

The promotion of Doctors Hallock and Lantzounis to Associate Clinical Professor has been approved by the Faculty of the College of Physicians and Surgeons.

The arthritis clinic has grown steadily in size and has fully justified itself in the care that it has given to these patients both in the out patient department and in the wards. During the ten months that the service was operating in 1941, 965 clinic visits were made and 82 patients were admitted to the hospital. The admission rate has increased greatly in 1942. The clinic was started by Dr. Thompson of our staff and Dr. Boots and his associates from the Presbyterian Hospital. It was continued by Dr. Sheppard and Dr. Fiske, both of whom have left for active duty. The clinic is now being held once a week and it is hoped that we will be able to continue it on this basis.

It is unfortunate that a very promising research in the causes and treatment of growth disturbances which was

being carried on by Dr. Gerald G. Gill under a grant from the National Foundation for Infantile Paralysis, had to be discontinued when Dr. Gill left the hospital. Valuable data has been accumulated and it is hoped that Dr. Gill may be able to return later on to finish this work.

The new method of treatment of poliomyelitis in the early stages which is advocated by Sister Gertrude Kenny, an Australian nurse, was carried out on a group of patients at the Country Branch. Our experience with the method so far has led us to believe that it has merit and a number of advantages over the treatment formerly in vogue. We expect to continue this treatment on more patients this year and to have more definite conclusions about it after a study of the results.

The number of patients treated in the clinic and hospital as well as the standard of treatment has been well maintained and it will be our endeavor to continue this without remission. Because of the decrease in the number of our staff it will be necessary, however, to limit the number of treatments in the out patient department to the capacity of the surgeons and this may result in some falling off in total number of patient visits. It is believed that this can be done without curtailing any really essential service.

The members of the staff have read and published a number of papers during the past year and their activity in clinical investigation is indicated by the following list:

# Staff Papers Read 1941

DEERY, EDWIN M: The Technique for Removal of Herniated Nucleus Pulposus Without Laminectomy. New York Academy of Medicine. Section of Orthopedic Surgery, December 19, 1941.

GILL, GERALD G.: An Accurate Method for the Estimation of the Expected Growth of the Femur and Tibia in Individual Children. Ameri-

- can Academy of Orthopedic Surgeons, New Orleans, La., January 15, 1941.
- Gurewitsch, A. D.: Clinical Presentation: Muscle Re-education and Treatment of Bell's Palsy. American Academy of Physical Medicine, New York City, April 30, 1941.
- HALLOCK, HALFORD: Surgical Stabilization of Paralytic Dislocated Hips. American Orthopaedic Association, Toronto, Canada, June 11, 1941.
- Howorth, M. Beckett: Congenital Dislocation of the Hip. New York Academy of Medicine, Section of Pediatrics, February 13, 1941.
- Howorth, M. Beckett: Exhibit on Slipped Epiphysis. American Academy of Orthopedic Surgeons, New Orleans, La., January 13-16, 1941.
- HOWORTH, M. BECKETT: Leg-shortening Operation for Equalizing Leg Length (with slides). American Medical Association, Annual Conference, Section on Orthopedic Surgery, Cleveland, Ohio, June 4, 1941.
- INGE, GEORGE A. L.: Backache and Sciatica. Radio talk given over WOR, May 2, 1941.
- INGE, GEORGE A. L.: Prevention and Treatment of Functional Disorders of the Feet in Children. New York Academy of Medicine, combined Sections of Pediatrics and Orthopedics, April 18, 1941.
- SMITH, ALAN DEFOREST: Injuries to the Lower Back. Bar Association of the City of New York, January 28, 1941.
- SMITH, ALAN DEFOREST: Joint Tuberculosis: Diagnosis and Treatment. New York Academy of Medicine, Section of Pediatrics, February 13, 1941.
- SMITH, ALAN DeForest, and MILLER, LAWSON E.: The Laminagraph as an Aid in the Treatment of Chronic Osteomyelitis. New York Academy of Medicine, Section of Orthopedic Surgery, and the Philadelphia Orthopedic Club, November 21, 1941.
- SMITH, ALAN DEFOREST, and Howorth, M. BECKETT: The Present Day Applications of the Spine Fusion. West Side Clinical Society, New York City, April 10, 1941.
- SMITH, ALAN DEFOREST: Treatment of Tuberculosis of the Bones and Joints. Annual Convention of the National Society for Crippled Children, Louisville, Ky., October 7, 1941.

- Snow, William Benham: Clinical Presentation of Cases. The American Academy of Physical Medicine, New York City, April 30, 1941.
- Von Lackum, W. H.: Scoliosis. New York Academy of Medicine, Section of Pediatrics, February 13, 1941.

# Staff Papers Published-1941

- ATKINS, STANLEY S., and ATKINS, ELIZABETH S.: New York State Nurses Association, Defense Program. Emergency Care in Civilian Defense: Class Outlines for Nurses. November 10, 1940.
- DEERY, EDWIN M.: Injuries to Peripheral Nerves. Surgical Clinics of North America, 21:469-483, April, 1941.
- FARRELL, BENJAMIN P., and MACCRACKEN, WILLIAM B.: Spine Fusion for Protruding Intervertebral Discs. Journal of Bone and Joint Surgery, 23:457-460, April, 1941.
- Ferrebee, J. W., Klingman, W. O., and Frantz, A. M.: Vitamin E and Vitamin B<sup>6</sup>: Clinical Experience in the Treatment of Muscular Dystrophy and Amyotrophic Lateral Sclerosis. Journal of the American Medical Association, 116:1895-1896, April 26, 1941.
- Guréwitsch, A. D.: Iontophoresis with zinc peroxide in the Treatment of Indolent Ulcers. Connecticut Med. Jour., 5:664, September, 1941.
- Howorth, M. Beckett: Slipping of the Upper Femoral Epiphysis. Surgery, Gynecology and Obstetrics, 73:723-732, November, 1941.
- Howorth, M. Beckett: Syllabus on Orthopedic Nursing, for Teacher's College, February, 1941.
- King, Byron B.: Meralgia Paresthetica; Report of 5 Cases. American Journal of Surgery, 52:364-368, May, 1941.
- SMITH, ALAN DEFOREST: Congenital Elevation of the Scapula. Archives of Surgery, 42:529-536, March, 1941.
- SMITH, ALAN DEFOREST: Modern Treatment of Scoliosis. Proceedings of the Interstate Post-Graduate Medical Association of North America (1940), pp. 156-158, 1941.

Respectfully submitted,

ALAN DEFOREST SMITH,

Surgeon-in-Chief.

TABLE No. 1

Summary of New and Old Cases — January 1, 1941 to December 31, 1941

DISEASES OF THE PSYCHOBIOLOGICAL UNIT.   24   12   4   8   14   38   33   146							
DISEASES OF THE BODY AS A WHOLE	1941 DIAGNOSIS	New Cases	4	4-16 Years	16	tient o Di	Total
DISEASES OF THE BODY AS A WHOLE	D	7.4	12		9		20
REGIONAL DISEASES					- 1		
Diseases of the Integumentary System			-				
DISEASES OF THE MUSCULO-SKELETAL SYSTEM:   Bones:			- 1				
Bones:   Prenatal influence		267	5	50	212	102	369
Prenatal influence	Bones: Prenatal influence Prenatal influence Diseases due to infection Diseases due to trauma or physical agents Diseases due to mechanical abnormality of unknown origin Diseases due to disorders of metabolism, growth, or nutrition New growths	27 596 10 25	1 9  13	6 84 5 4 6	20 503 5 8 12	80 275 15 32 22	107 871 25 57 41
Diseases due to unknown cause.   1811   83   201   71   276	Joints: Prenatal influence Diseases due to infection Diseases due to trauma Diseases due to disturbances of innervation or of psychic control Diseases due to or consisting of mechanical abnormality of un-	370 579 2	4 14	60	342 505 2	502 278 4	872 857 6
Prenatal influence	Diseases due to unknown cause	6 3 1811	83	1 1 245	1 2 1483	3 1346	3 3157
DISEASES OF THE CARDIOVASCULAR SYSTEM.       128        128        143         DISEASES OF THE HEMIC AND LYMPHATIC SYSTEM.       4        1       3       1       5         DISEASES OF THE DIGESTIVE SYSTEM.       1         1         1         1	Prenatal influence Diseases due to trauma. Diseases due to disturbance of circulation or of psychic control Diseases due to disorders of metabolism, growth or nutrition New growths. Diseases due to unknown cause. Tendons.	1185 245 7 1 52 96	4 39 7 1 I I	73 94  6 9	1108 112  45 86	857 1132 1	2042 1377 8 1 63 124
DISEASES OF THE HEMIC AND LYMPHATIC SYSTEM.       4       1       3       1       5         DISEASES OF THE DIGESTIVE SYSTEM.       1	Diseases of the Respiratory System	1			1		1
DISEASES OF THE DIGESTIVE SYSTEM.       1       1       1       1       1       1       1       1       1       1       1       3       3       3       1	DISEASES OF THE CARDIOVASCULAR SYSTEM	128			128	15	143
DISEASES OF THE URO-GENITAL SYSTEM.       2        2       1       3         DISEASES OF THE ENDOCRINE SYSTEM.       1       1        1       1        1       1        1       1        1       1         1       1         1       1	DISEASES OF THE HEMIC AND LYMPHATIC SYSTEM	4		1	3	1	5
DISEASES OF THE ENDOCRINE SYSTEM.       1       1         1         DISEASES OF THE NERVOUS SYSTEM.       105       7       4       94       32       137         SYNDROME.       3        3        3        3       3         EXAMINATION NONE.       22       1       3       18        22         NO ORTHOPAEDIC CONDITION.       116       26       39       51       24       140         NON-DIAGNOSTIC.       82       5       10       67        82	DISEASES OF THE DIGESTIVE SYSTEM	1			1		1
DISEASES OF THE NERVOUS SYSTEM.       105       7       4       94       32       137         SYNDROME.       3        3        3        3        3        3        18         22       1       3       18         22       NO ORTHOPAEDIC CONDITION.       116       26       39       51       24       140       140        NON-DIAGNOSTIC.       82       5       10       67        82	DISEASES OF THE URO-GENITAL SYSTEM	2			2	1	3
SYNDROME       3       3       3         EXAMINATION NONE       22       1       3       18       22         NO ORTHOPAEDIC CONDITION       116       26       39       51       24       140         NON-DIAGNOSTIC       82       5       10       67       82	Diseases of the Endocrine System	1	1				1
Examination None.       22       1       3       18        22         No Orthopaedic Condition.       116       26       39       51       24       140         Non-Diagnostic.       82       5       10       67        82	DISEASES OF THE NERVOUS SYSTEM	105	7	4	94	32	137
No Orthopaedic Condition.         116         26         39         51         24         140           Non-Diagnostic.         82         5         10         67         82	SYNDROME	3			3		3
Non-Diagnostic. 82 5 10 67 82	Examination None	22	1	3	18		22
	No Orthopaedic Condition	116	26	39	51	24	140
Total	Non-Diagnostic	82	5	10	67		82
	Тотац	9493	789	1828	6876	7046	16539

# TABLE No. II

# Dispensary Report January 1, 1941 to December 31, 1941

Number of New Cases Treated in Dispensary	9,593
Number of Revisits to Dispensary Surgeons	33,695
Number of Visits to Arthritis Clinic	965
Number of Visits to Club-Foot Clinic	1,162
Number of Visits to Follow-up Clinic.	1,284
Number of Visits to Fracture Clinic	484
Number of Visits to Neurological Clinic	499
Number of Visits to Scoliosis Clinic	1,667
Total Visits	49,349

# TABLE III Physical Therapy Department Report from January 1, 1941 to December 31, 1941

Number of Visits	37,374
Number of Treatments	74,248
Thermotherapy	13,814
Underwater Exercises	511
Massage	30,078
Corrective Exercises, Active and Passive	19,829
Ultra Violet	178
Galvanic-Faradic Sinusoidal	480

## TABLE No. IV

# Hospital Report — January 1, 1941 to December 31, 1941

Diseases of the Body as a Whole:	
Regional Diseases:  Diseases due to prenatal influence  Diseases due to infection  Diseases due to trauma.  Diseases due to or consisting of mechanical abnormality of unknown origin  New growths.	1 4 11
Diseases of the Skin and Subcutaneous Areolar Tissues:  Diseases due to infection.  Diseases due to trauma.  Diseases due to unknown causes.	. 8
Diseases of the Musculo-Skeletal System:	
Bones:	
Diseases due to prenatal influence. Diseases due to infection. Diseases due to trauma. Diseases due to mechanical abnormality of unknown origin. Diseases due to disorders of metabolism, growth, or nutrition. New growths. Diseases due to unknown cause.	18 124 6 5 6
Joints:	
Diseases due to prenatal influence Diseases due to infection Diseases due to trauma Diseases due to disturbance of innervation or psychic control Diseases due to mechanical abnormality of unknown origin New growths Diseases due to unknown cause with manifest structural reaction	216 185 108 7 9 2 248
Bursae	13
Muscles: Diseases due to prenatal influence. Diseases due to trauma. Diseases due to disturbance of innervation or psychic control. Diseases due to unknown cause. Tendons and fascia.	37 3 222 4 21
Diseases of the Nervous System:	12
Undiagnosed Condition	1
Bone Donor	1
Total	1,367

# TABLE No. V

# Report of Operations, January 1, 1941 to December 31, 1941, Inclusive

REGIONS AND INTEGUMENTARY SYSTE	М	Biopsy	3
Amputation	26	Capsuloplasty Capsulotomy	1
Aspiration	8	Division of Adhesions	î
Aspiration of Abscess	2	Drainage of Pus	ī
Biopsy	1	Excision of Fat Pad	1 2
Drainable of Pus	14	Excision of Ganglion or Cyst	_2
Dressing under Anesthesia	2	Excision of Menisci	55
Excision of Callus	ī	Excision of Neoplasm	6
Excision of Clavus	8	Exploration Fusion Insertion of Greater Trochanter into	238
Excision of Ganglion or Cyst	10	Insertion of Greater Trochanter into	
Excision of Neoplasm	15	Acetabulum (Colonna)	1
Excision of Scar Excision of Sinus Tract Excision of Verruca	4	Manipulation	23
Excision of Vermica	i	Plastic Correction for Hallux Valgus	
Exploration	2	(Lapidus)	12
Incision	3	(Silver)	17
Injection of Medicament	5	Reduction of Dislocation, Closed	17 3 9
OnychectomyOnychectomy, Partial	9	Reduction of Dislocation, Open	9
Onychectomy, Partial	?	Reinforcement of Fusion	- 1
Plastic Correction for Syndactylism Release of Scar Tissue	i	Release of Congenital Club Foot (Ober).	8
Removal of Foreign Body	6	Release of Congenital Club Foot (Ober). Release of Contracture	8
Secondary Suture	2	70unis)	17
Secondary Suture	1	zounis)	'n
		Removal of Herniated Nucleus Pulposus	39
Bones		Removal of Hypertrophied Ligamentum	_
Advancement of Tibial Tubercle	1	Flavum Removal of Loose Bodies	.7
Biopsy	2	Removal of Loose Bodies	11
Biopsy	8	Repair of Pseudarthrosis	1 24
Curettage of Bone and Packing of Cavity	4	Resection	9
with Bone Chips	6	Revision of Arthrodesis	14
Drilling	22	Shelf Stabilization of Hip	8
Excision	12	Stretching	3
Excision, Partial. Excision of Cyst. Excision of Neoplasm.	15	Synovectomy	/
Excision of Cyst	1	) (	
Excision of Neoplasm	4	Muscles	
Exostectomy	182	Lengthening	9
Hemilaminectomy	14	Myotomy, Sternomastoid	16
Hemilaminectomy	13	Release of Internal Rotation Contracture	5
Insertion of Cup, Nail, Pin, Plate, Screw		of Hip (Durham)	1
or Wire	68	Release of Internal Rotation Deformity	
Laminectomy	20	of Shoulder (Sever)	7
Laminectomy. Manipulation Ostectomy. Osteoclasis.	8	Transplantation	3
Osteoclasis	2		
	61	Bursae	
Reduction of Fracture, Closed	11	Aspiration	1
Reduction of Fracture, Open	30	Aspiration  Drainage of Pus	î
Removal of Foreign Body	11	Excision	1 3 2
Removal of Foreign Body	2	Injection of Medicament	2
Removal of Loose Degenerated Cartilage	1	1rrigation	4
Removal of Overgrowth of Bone	5		
Repair of Dislocation with Fascia	2	TENDONS AND FASCIA	
Repair of Non-Union of Fracture with	9	Advancement of Tendon	3
Bone Chips or Grafts Repair of Non-Union of Fracture with Bolt, Nail, Plate, or Wire	9	Division of Hiotibial Band	3
Bolt Nail Plate or Wire	2	Excision of Fascia	5
Resection	53	Excision of Fascia Excision of Tendon Sheath	3 5 2 2
Sequestrectomy	6	Exploration of Tendon Exploration of Tendon Fasciotomy, Plantar Fasciotomy, Tensor Fascia Femoris Incision of Tendon Sheath	30
Sesamoidectomy		Fasciotomy, Flantar	13
Shortening	3	Incision of Tendon Sheath	
IOINTS AND LIGAMENTS		Injection of Medicament	2
		Lengthening of Tendon	50
Arthrodesis	175	Release of Contracture of Tendon Sheath	9
Arthroplasty	1	Removal of Calcification of Tendon	6
Aspiration	1	Resection of Tendon	4

# TABLE No. V-Continued

# Report of Operations, January 1, 1941 to December 31, 1941

Retransplantation of Tendon	Release of Intraspinal Scar
Tenotomy	Miscellaneous
Nervous System	Aspiration of Retropharyngeal Abscess. Tonsillectomy
Injection of Medicament         2           Neurectomy         19	Total202

TABLE No. VI

Pathological Laboratory Report of Examinations
Made From January 1, 1941 to December 31, 1941

EXAMINATIONS	Hospital	Private Pavilion	Dispensary	Country Branch
BLOOD EXAMINATIONS: Chemical Hematological Serological	136 5732 2268	71 795 230	161 4351 2255	8 6 14
Basal Metabolism Test	25	11	24	
Cultures	268	60	115	6
Gastric Analysis	3	2		
Guinea Pig Inoculation for Tuberculosis	64			
MANTOUX TEST AND OTHER SKIN TESTS	47	11	149	
SMEAR EXAMINATIONS, BACTERIOLOGICAL	332	24	139	
Spinal Fluid Examinations	404	111	3	
Sputum for Pneumococcus Typing	3			
Stool Examinations	9	9	2	
Tissue Examinations	313	59		
Autopsy	2			
Urine Examinations	3541	518	179	
VACCINES, AUTOGENOUS	4	7	4	
VITAL CAPACITY	3		1	
Totals	13,154	1,908	7,382	34

Total Tests 22,478

Examinations Above by New York City Department of Health: Wassermann 76, Other 6.

#### TABLE No. VII

## Department of Roentgenology—Dispensary and Hospital Report from January 1, 1941 to December 31, 1941

Number of Patients Roentgenographed	10,334
Number of Roentgenograms Made	24,832
Number of Dental Films Made	1,812
Number of Patients Photographed	427
Number of Roentgen Therapy Treatments	751

#### TABLE No. VIII

## Dental Department, Dispensary and Hospital Report from January 1, 1941 to December 31, 1941

Number of Visits.	3,134
Number of Examinations.	1,265
Number of Extractions.	382
Number of Treatments	138
Number of Fillings.	1,147
Number of Prophylactic Treatments.	746

# TABLE No. IX

# Report of the Brace Shop January 1, 1941 to December 31, 1941

ces and Appliances Made:	
Spinal Braces	160
Arm Braces	19
Belts	312
Ankle Braces.	49
Leg Braces	65
Insoles, Single	2,085
Miscellaneous	172
Total	2,862
ces and Appliances Repaired	3,523

TABLE No. X

Summary of Cases—Country Branch
January 1, 1941 to December 31, 1941

TYPE OF CASE	In C. B. Jan. 1 1941	Total Admitted	Total Discharged	In C. B. Dec. 31 1941
Musculo Skeletal System				
Diseases due to Prenatal Influence	21	87	93	15
Diseases Due to Infection	44	88	100	32
DISEASES DUE TO TRAUMA	2	23	18	7
Diseases Due to Disturbance of Innervation or Psychic Control	47	156	148	55
Diseases Due to Static Mechanical Ab-	1	3	4	0
Diseases Due to Disorders of Metabolism, Growth or Nutrition	1	1	2	0
Diseases Due to Unknown or Uncertain Causes	27	83	83	27
DOUBTFUL DIAGNOSES	0	2	2	0
RESPIRATORY SYSTEM	0	0	0	0
Diseases Due to Infection	0	8	8	0
	143	451	458	136
Number of patients under two years of	age treated			5
Number of patients from two to sixteen				332
Number of patients over sixteen treated				
Number of patient days				
Number of patients per day				144
Average days stay per patient				115

#### TABLE No. XI

## Department of Roentgenology—Country Branch Report from January 1, 1941 to December 31, 1941

Number of Patients Roentgenographed	1,074
Number of Roentgenograms Made	1,733
Number of Dental Films Used	21
Number of Dental Films Used	21

#### TABLE No. XII

# Dental Department—Country Branch Report from January 1, 1941 to December 31, 1941

Number of Visits	
Number of Examinations.	643
Number of Treatments	65
Number of Extractions	50
Number of Fillings.	539
Number of Prophylactic Treatments.	46 <b>7</b>

#### TABLE No. XIII

# Physical Therapy Department—Country Branch Report from January 1, 1941 to December 31, 1941

Number of Visits		15,791
Number of Treatments:		
Thermotherapy	7,343	
Underwater Exercises	1,083	
Massage	16,732	
Corrective Exercises, Active and Passive	18,679	
Ultra Violet	1,000	
Galvanic-Faradic-Sinusoidal		
		45,317

## REPORT OF THE SUPERINTENDENT

To the Board of Trustees,

New York Orthopaedic Dispensary and Hospital

#### GENTLEMEN:

The expenses of the Hospital for the year 1941 were \$413,811.52, while the total receipts were \$398,702.38, leaving a total deficit in operating of \$15,109.14. This was offset in part by a transfer of \$6,000.00 from the Kane Fund, making a deficit of \$9,109.14. At the Country Branch the expenses for the year 1941 were \$208,391.42, while the receipts were \$185,911.87, making a deficit of \$22,479.55.

The cost per ward patient day in the Hospital was \$6.47, while the cost per patient day at the Country Branch was \$3.93. In the Hospital 53% of the work was free, and 46% of the work at the Country Branch was free. The expenses for both the Hospital and the Country Branch were within the estimated budget.

There were 49,439 visits made to the surgeons in the Dispensary during the year 1941; 16,639 individual patients made these visits. A continued drop in the number of Dispensary visits has been noted in the past few years due mainly to preventive medicine.

In the Hospital wards 1,128 patients were treated, and there were 34,301 patient days, the average stay per patient being 33 days. There were 2,021 operations performed.

3,134 visits were made to the Dental Department. In the Brace Shop 2,862 instruments were made. In the X-ray Department 24,832 x-rays were taken, and in the Pathological Laboratory 26,291 examinations were made.

At the Country Branch 592 patients were treated in 1941. There were 52,469 patient days and the average stay per

patient was 115 days. There were 1,733 x-rays taken. 1,764 visits were made to the Dental Department.

At both the Hospital and the Country Branch the Physical Therapy Departments were active. 74,248 treatments were given in the Hospital and 45,317 at the Country Branch.

The work of the Social Service Department, always heavy, has greatly expanded in breadth during the past year. This increase of effort became necessary because of war conditions, which created many perplexing problems in the affairs of patients.

During 1941 we continued cooperating with Teachers' College in the course in orthopaedic nursing given to graduate nurses. We also carried on successfully our own postgraduate course for nurses. The Hospital has continued this year much the same as in the past. Very few improvements were made in either the Hospital or Country Branch plants.

Both the Hospital and Country Branch have inaugurated plans for air raids and emergencies. We are conducting regular aid raid drills in both hospitals and here in the city two units are equipped and prepared to go out in case they are called on emergency duty.

The Local Draft Board has been using our Dispensary one evening a week for the examination of draftees.

I wish to acknowledge the loyal and efficient cooperation on the part of all my co-workers. At this time, when so many of our Trustees have been called to active service, I wish to express my thanks for the help and understanding given me by the Trustees who have so willingly taken up the burden of carrying on the hospital. Members of the Board of Supervisors have continued their loyal support for which I am most grateful.

Respectfully submitted, THEODORA S. ROOT, Superintendent.

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

# BALANCE SHEET, DECEMBER 31, 1941 (On Basis of Cash Receipts and Disbursements)

ASSETS		
ENDOWMENT AND OTHER NONEXPENDABLE FUNDS ASSETS (COnsolidated):		
Bonds and stocks (approximate amount at market quotations, \$3,145,200)		\$ 3,530,151.77
Real estate mortgages and mortgage participations at face amounts or cost, if less, including past due and open items		
and those on which interest is in arrears		1,684,649.75
Real estate (no allowance for depreciation): In vicinity of City Dispensary and Hospital	\$ 413,703.27	
Other	621,825.09	1,035,528.36
Cash awaiting investment		77,403.00
Total endowment and other nonexpendable funds assets	•	6,327,732.88
PLANT:		
Land, buildings and equipment, at book amounts (no allowance for depreciation):		
City Dispensary and Hospital	2,311,289.00	
Country Branch	1,124,965.61	3,436,254.61
CURRENT FUNDS ASSETS:		
Bonds (approximate amount at market quotations, \$538,400)	498,931.88	
Advances for petty cash	2,500.00	
Advances for special nurses	3,000.00 94,939.90	
Casii		
Total current funds assets		599,371.78

Total assets	\$10,363,359.27

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

# BALANCE SHEET, DECEMBER 31, 1941 (On Basis of Cash Receipts and Disbursements)

Seds and rooms endowed in perpetuity (income used for hospital expenses)			
Seds and rooms endowed in perpetuity (income used for hospital expenses)	FUNDS AND LIABILITIES		
Unrestricted as to use of income:     City Dispensary and Hospital	ENDOWMENT AND OTHER NONEXPENDABLE FUNDS (consolidated):  Beds and rooms endowed in perpetuity (income used for hospital expenses)		\$ 598,842.80
Country Branch:	Unrestricted as to use of income:	\$ 844,596.03	
Annie C. Kane fellowship fund	Country Branch: Emily A. Watson fund		
Legacy under Will of Caroline A. James	Annie C. Kane fellowship fund 1,000,000.00	1,002,500.00	3,893,038.24
CAPITAL INVESTED IN PLANT.       3,436,254         CURRENT FUNDS AND LIABILITIES:       Restricted expendable funds:         Annie C. Kane fellowships for surgeons       199,818.50         Research fund       58,871.26         Special gift accounts       2,276.51         Statira Bridgman fund       40.16         GENERAL:         Liabilities:       Deposit for security on lease       60.00         Surplus:         Appropriated:       Reserve for plant betterments       309,104.55         Unappropriated, per statement attached       29,200.80       338,305.35	Legacy under Will of Caroline A. James		1,835,851.8
Restricted expendable funds:  Annie C. Kane fellowships for surgeons Research fund Special gift accounts Statira Bridgman fund  GENERAL: Liabilities: Deposit for security on lease Appropriated: Reserve for plant betterments Reserve for plant betterment attached Unappropriated, per statement attached  29,200.80  199,818.50 58,871.26 2,276.51 40.16  261,006.43  60.00  Surplus: Appropriated: Reserve for plant betterments 29,200.80 338,305.35	Total endowment and other nonexpendable funds	,	6,327,732.8 3,436,254.6
Annie C. Kane fellowships for surgeons. 199,818.50 Research fund. 58,871.26 Special gift accounts. 2,276.51 Statira Bridgman fund. 40.16  Z61,006.43  General: Liabilities: Deposit for security on lease. 60.00  Surplus: Appropriated: Reserve for plant betterments. 309,104.55 Unappropriated, per statement attached. 29,200.80 338,305.35	CURRENT FUNDS AND LIABILITIES:  Restricted expendable funds:		
General:  Liabilities: Deposit for security on lease	Annie C. Kane fellowships for surgeons	58,871.26 2,276.51	
Liabilities: Deposit for security on lease		261,006.43	
Deposit for security on lease	General:		
Appropriated: Reserve for plant betterments		60.00	
Unappropriated, per statement attached 29,200.80 338,305.35	Appropriated:		
Total current funds and liabilities	Unappropriated, per statement attached 29,200.80	338,305.35	
	Total current funds and liabilities		599,371.7
Total funds and liabilities. \$10,363,359	Total funds and liabilities		\$10,363,359.2

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL DEERING Howe, Treasurer

# STATEMENT OF INCOME AND UNAPPROPRIATED CURRENT FUNDS' SURPLUS FOR YEAR ENDED DECEMBER 31, 1941 (On Basis of Cash Receipts and Disbursements)

INCOME: Investment securities and rented properties Less, Amount apportioned to restricted expendable funds	\$219,515.41 31,995.20	\$187,520.21
Patients' board, professional care, etc. City aid. Donations and subscriptions Special contributions. Free beds annually endowed. Special nurses' board. Miscellaneous		231,947.43 133,758.91 46,532.76 3,865.00 1,400.01 3,836.60 5,277.65
Total income		614,138.57
Expenses:  Professional care of patients  Less, Amount allocated from restricted expendable fund, Annie C. Kane fellowships for surgeons	275,963.37 6,000.00	
Alline C. Kane lenowships for surgeons		
Household and propertyAdministrative	269,963.37 265,521.19 74,788.10	
Total expenses		610,272.66
Net income for year 1941	-	3,865.91 35,178.86
Net loss for year 1941 after appropriation		31,312.95 67,706.90
Loss on Sales of Current Funds, Investments in 1941	_	36,393.95 7,193.15
Unappropriated current funds' surplus, December 31, 1941		\$ 29,200.80
	_	

#### ACCOUNTANTS' REPORT

NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL,

New York, New York.

We have made an examination of the balance sheet of the New York Orthopaedic Dispensary and Hospital as of December 31, 1941, and of the related statement of income and unappropriated current funds' surplus for the fiscal year then ended. These statements were prepared from the accounts kept by the custodian, Central Hanover Bank and Trust Company, on the basis of cash receipts and disbursements.

In connection with such examination, we examined or tested accounting records maintained for the institution by the custodian, and other supporting evidence, and obtained information and explanations from officers and employees of the custodian; we also made a general review of the operating and income accounts shown on the said accounting records for the year, but we did not make an audit of the transactions or of the accounting records maintained at the City Dispensary and Hospital and the Country Branch except to substantiate the remittances by the institution to the custodian and the remittances from the custodian to the institution as recorded by the custodian, and to account for the advances for petty cash and special nurses shown on the books kept by the custodian. Our examination of the income from patients, city aid, contributions and other sources received by the institution and remitted to and recorded by custodian was limited to comparison of the total amounts with the related amounts shown on the books kept at the City Dispensary and Hospital and the Country Branch.

The investments shown on the books at December 31, 1941 were in agreement with those shown on certified lists submitted to us by the Central Hanover Bank and Trust Company. Real estate mortgages and mortgage participations, including past due and open items and those on which interest is in arrears, are shown in the accompanying balance sheet at face amounts or at cost, if less, as market quotations are not available. As heretofore, we did not request confirmation of the balances of the outstanding mortgages or interest in arrears thereon by means of correspondence with the mortgagors.

In accordance with the adopted policy, no allowance was made for depreciation of buildings and equipment. No charges were made for additions to plant during 1941; minor additions were charged to reserve for plant betterments or operating expenses.

In our opinion, based upon the examination described in the foregoing paragraphs and subject to the foregoing explanations, the accompanying balance sheet and related statement of income and unappropriated current funds' surplus present fairly the position of the New York Orthopaedic Dispensary and Hospital at December 31, 1941, and the results of its operations for the year 1941 on the basis of cash receipts and disbursements.

Lybrand, Ross Bros. & Montgomery.

New York, May 5, 1942.

#### ENDOWED BEDS

# In Perpetuity

- 1883. By Miss C. B. Hicks, continued in perpetuity by Buchanan Winthrop.
- 1886. By Mrs. Elizabeth Milbank Anderson, four beds. In Memory of J. Milbank Anderson.
- 1891. By Alfred Corning Clark, three beds.
- 1891. By Edward Severin Clark, two beds, to be known as the "Edward Severin Clark Beds."
- 1891. By Mrs. Henry S. Winthrop.
- 1893. By Mrs. William D. Sloane. In Memory of William Douglas Sloane, Jr.
- 1893. By James K. Gracie. In Memory of Anna Bulloch Gracie.
- 1893. By Miss Sarah B. Gibbs.
- 1894. By Mrs. Richard Tylden Auchmuty, two beds. In Memory of Richard Tylden Auchmuty.
- 1894. By James H. Jones.
- 1896. By Mrs. William Astor. In Memory of Helen Roosevelt.
- 1896. By Mrs. Evan T. Walker. In Memory of John J. Walker.
- 1897. By Mrs. William D. Sloane, two beds, one bed in Memory of Maria Louise Vanderbilt and one in Memory of Emilie Vanderbilt Burden.
- 1898. By Mrs. Charles B. Alexander, for her Daughter, named the Harriet Alexander Bed.
- 1901. By Mrs. N. A. Baldwin. In Memory of Louise Suydam Duer.
- 1901. By Mrs. Benjamin Brewster. In Memory of Benjamin Brewster.
- 1901. By Henry T. Sloane, Jessie and Emily Sloane, bed endowed by their Father.
- 1901. By Mrs. Marion Story. In Memory of M. Furman Hunt.
- 1902. By James Henry Smith, two beds. In Memory of George Smith.
- 1902. By Miss Emily A. Watson. In Memory of Mrs. Mary J. Walker.
- 1904. By Miss Cornelia Prime. In Memory of her Brother, Temple Prime.
- 1904. By Miss Helen Phipps.
- 1904. By James K. Gracie. In Memory of Esther Gracie Ogden.
- 1906. By Miss Caroline White.
- 1906. By Mrs. M. Dwight Collier. In Memory of Maurice Dwight Collier.
- 1908. By Mrs. H. N. Munn, Mrs. Augusta Munn Tilney and Orson D. Munn. In Memory of Henry Norcross Munn.
- 1911. By Everetta C. Whitney estate.

- 911. By Miss Josephine C. Smith. In Memory of her Father, Dr. Edward A. Smith, and her Mother, Rebecca Miller Smith.
- 1913. By Estate of Marion de Forest Clark. In Memory of Julian Bouton Clark.
- 1913. By an anonymous donor, to be known as "Mary Townsend Cuyler Bed."
- 1913. By Carolina F. Butterfield. In Memory of Frederick Falconer Butterfield.
- 1915. By Miss Emily Trevor.
- 1915. By Mrs. Frederick W. Vanderbilt, to be known as "The Louise Bed."
- 1915. By George Grant Mason, two beds. In Memory of his Uncle, James Henry Smith.
- 1916. By Henry M. Tilford. In Memory of Catharine Hunt Tilford.
- 1916. By estate of Miss Clementine Furniss, to be known as the "Clementine Furniss Bed."
- 1916. By an anonymous donor.
- 1917. By Mrs. Charles H. Senff. In Memory of her little Son, Henry Senff.
- 1917. By Mrs. A. Murray Young. In Memory of her Great Uncle, Wilson G. Hunt.
- 1919. By R. Fulton Cutting, to be known as the "Helen Suydam Cutting Bed."
- 1919. By Mrs. Frederick Delano Hitch.
- 1919. By Levi P. Morton. In Memory of Anna Livingston Morton.
- 1919. By Miss Georgiana G. R. Wendel, two beds. "In Memory of her Sister, Augusta A. S. Wendel."
- 1919. By various donors. Bed in Memory of Theodore Roosevelt, former President of the United States.
- 1920. By Mrs. John Hobart Warren.
- 1921. By Mrs. Winthrop W. Aldrich. In Memory of her little Son, Winthrop Williams Aldrich, Jr.
- 1921. By F. Ambrose Clark, to be known as "The Florence L. Clark Bed."
- 1922. By Mrs. David T. Dana. In Memory of her Mother, Mrs. M. Dwight Collier.
- 1924. By Charlotte Bruce Bickmore Estate. In Memory of Albert Smith Bickmore, Jr.
- 1924. By Mrs. Louise Ward McAllister Lewis. In Memory of her Mother.
- 1925. By Miss Elizabeth J. Hofer, two beds. In Memory of Horatio C. Kretchmar.
- 1925. By Percy Chubb. In Memory of his Wife.

- 1925. By Junior Red Cross of the Public Schools of New York.
- 1925. By Mrs. Douglas Robinson. In Memory of her Friend, Charles Allen Munn.
- 1926. By Junior Red Cross of the Public Schools of New York.
- 1927. By Darrach Home.
- 1928. By Mrs. Mary L. Schoonmaker, ten beds. In Memory of Sylvanus Lothrop Schoonmaker and Frank Layng Schoonmaker.
- 1928. By estate of Henry D. Dickinson. In Memory of Hathaway M. Dickinson.
- 1930. By James T. and Sarah Bancroft Leavitt, to be known as the "Mrs. James T. Leavitt Bed."
- 1934. By Henry C. deRham, Frederic F. deRham and Clarisse deRham Rutherfurd. In Memory of their Parents, Charles and Emily Howe deRham.
- 1935. By Mrs. Percy R. Pyne and Family. In Memory of Meredith Howland Pyne.
- 1936. By Miss Elizabeth Stewart Hamilton. In Memory of Mrs. John Hobart Warren, to be known as the "Harriette Mott Warren Bed."
- 1936. By Mrs. Edward S. Harkness. "Dorcas House Bed." In Dear Memory of Wilma Gideon.
- 1938. By Miss Grace Howard Potter. In Memory of Howard and Mary Louisa Potter.

#### **ENDOWED ROOMS**

## In Perpetuity

- 1922. By Glenn Ford McKinney, a Ward Room in the Country Branch. In Memory of His Wife, Jean Webster McKinney.
- 1929. By 400 of his Friends and Associates, a Room in the Private Pavilion. In Memory of H. Le Roy von Lackum, M. D., Surgeon in this Hospital 1916-1928.

#### BEDS ENDOWED YEARLY

- By the Junior Guild of the New York Orthopaedic Dispensary and Hospital.
- By Miss Jessie H. Miller. In Memory of her Sister, Isabella Miller.
- By Mrs. Stanley Mortimer. In Memory of Anna Hall Roosevelt.
- By Miguel J. Ossorio.
- By Mr. and Mrs. Arnold Whitridge.

# ANNUAL REPORT

# ORTHOPAEDIC HOSPITAL RED CROSS UNIT

JANUARY 1, 1941 to DECEMBER 31, 1941

Days open	17
Average Attendance per day	5
TOTAL PRODUCTION	
Surgical Dressings	22,212

Respectfully submitted,

LETITIA H. HIGGINS,

Chairman.

#### FORTY-THIRD ANNUAL REPORT

of the

JUNIOR GUILD

of the

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

Officers

President

MISS ALINE KATE FOX

Vice-President

MRS. FRANCIS C. HUNTINGTON

Secretary Mrs. WALTER KOBBÉ

Treasurer
Mrs. JAMES D. REMSEN

## MEMBERS OF THE JUNIOR GUILD

MRS. LE GRAND BENEDICT

MISS MARGARET DEW. BENEDICT

Mrs. JOHN W. EDMONDS

Miss ALINE KATE FOX

MRS. JOHN M. HOWELLS

MRS. FRANCIS C. HUNTINGTON

MRS. WALTER KOBBÉ

MRS. EFFINGHAM LAWRENCE

MRS. BARENT LEFFERTS

MRS. CARLETON MACY

Miss MATHILDE MOURRAILLE

MRS. LAURANCE B. RAND

MRS. JAMES D. REMSEN

MRS. BENJAMIN DE WITT RIEGEL

Miss FRANCES A. STIGER

MRS. CLARENCE B. STURGES

MRS. DAVID H. TAYLOR

MRS. PAUL G. THÉBAUD

Miss ESTHER WATERMAN

Mrs. JULIAN VAN NESS WHIPPLE

# REPORT OF THE JUNIOR GUILD

The work of the Junior Guild has been the same during the past year. Our meetings are held at the hospital on the first Wednesday of every month from November to May.

We maintain a bed in the children's wards, supply clothing used in the wards, make a payment toward the salary of a visiting nurse of the Social Service Department, and give a monthly sum to the nurse to be used for milk and eggs for undernourished children before or after hospitalization.

At Easter we send ice cream to the three children's wards, and at Christmas we fill white cotton stockings with toys for each child in the wards. These stockings are used in the wards afterwards.

The funds for our various activities are raised through dues, donations and our yearly appeals.

We announce with profound regret the death of Mrs. Lawrence B. Elliman, for many years the treasurer of the Guild, and one of our oldest, most loyal and most valued members.

Respectfully submitted,

FLORENCE S. KOBBÉ, Secretary.

# REPORT OF THE JUNIOR GUILD

# From January 1, 1941 to December 31, 1941

RECEIPTS		EXPENDITURES	
Balance January 1, 1941 Dues and Donations	\$1,828.66 2,869.10	Towards Nurse's Salary  Endowed Bed  Nurse's Extras  Easter Ice Cream  Printing  Clothing	\$1,500.00 350.00 180.00 5.40 820.50 94.40 \$2,950.30
	\$4,697.76	Bank Balance December 31, 1941	1,747.46

MELINDA G. REMSEN,

Treasurer.

The sum of \$7,500 endows a bed in perpetuity, and the sum of \$350 endows a bed for one year.

# FORM OF CERTIFICATE OF THE DONOR OF AN ENDOWED BED IN PERPETUITY

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

This is to Certify that the New York Orthopaedic Dispensary and Hospital through its Trustees has received from
herein designated as the donor, a fund of Seven Thousand Five Hundred Dollars, for the purpose of founding and maintaining in accordance with its corporate powers an endowed bed in its Hospital in perpetual memory of
The donor shall have the privilege of nominating the occupant of said bed, but such nomination and the use of said bed shall be subject to all such rules and regulations governing endowed beds, and providing for the treatment, reception and discharge of patients as now exists or which may hereafter be enacted by the Board of Trustees of said Dispensary and Hospital.
Witness this corporate seal of the New York Orthopaedic Dispensary and
Hospital, and the signatures of two of its officers, this day of one thousand nine hundred and
Secretary. President.

# FORM OF BEQUEST

# SEVENTY-FIFTH YEAR BOOK For the Year 1942

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

New York City

CO. SHE OF PAYMCIANS AND SURGEONS
AND WEST 168th STREET
NEW YORK

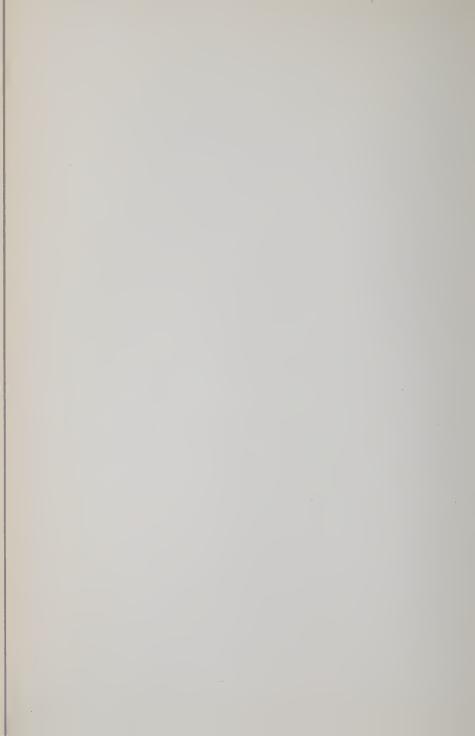




SEVENTY-FIFTH YEAR BOOK FOR THE YEAR 1942

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

420 East 59th Street, New York City



# **CONTENTS**

P.	AGE
Board of Trustees and Officers	5
Trustees' Standing Committees	6
Board of Supervisors and Officers	7
Supervisors' Standing Committees	8
Medical Staff	9
Consulting Staff	11
Executive Staff	12
Report of Vice-President	13
Report of Board of Supervisors	16
Report of Surgeon-in-Chief	17
Table I. Summary of New and Old Cases	22
Table II. Dispensary Report	23
Table III. Physical Therapy Report	24
Table IV. Hospital Report	25
Table V. Report of Operations	26
Table VI. Pathological Laboratory Report	27
Table VII. Department of Roentgenology,  Report of Dispensary and Hospital	28
Table VIII. Dental Department,  Report of Dispensary and Hospital	28
Table IX. Instrument Report	29
Table X. Summary of Cases, Country Branch	30
Table XI. Department of Roentgenology,  Report of Country Branch	31
Table XII. Dental Department, Report of Country Branch	31
Table XIII. Physical Therapy,	_
Report of Country Branch	31
Report of Superintendent	32
Report of Treasurer	34
Auditors' Report	37
Endowed Beds in Perpetuity	38
Endowed Rooms in Perpetuity	40
Report of Orthopaedic Hospital Red Cross Unit	40
Report of Junior Guild	41
Form of Certificate to Donor of Endowed Bed	42 46
Form of Bequest	40
Torm or bequest	4/







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Attending Surgeons
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HALFORD HALLOCK, M.D.

Associate Attending Surgeons
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WILLIAM H. VON LACKUM, M.D.
\*McDOWELL ANDERSON, M.D.
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Attending Physician
GEORGE M. GOODWIN, M.D.

Assistant Attending Physician EDWARD HERBERT, JR., M.D.

<sup>· \*</sup>On duty with armed forces.

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<sup>\*</sup>On duty wih armed forces.

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Assistant Superintendent
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Dietitian
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Chief Engineer
JOHN FAY

# REPORT OF THE VICE-PRESIDENT

To the Board of Trustees and the Board of Supervisors of the New York Orthopaedic Dispensary and Hospital

#### LADIES AND GENTLEMEN:

The war has affected the operation of the New York Orthopaedic Dispensary and Hospital in many ways. It has been increasingly difficult to maintain efficient service with so many of the staff joining the armed forces, or going into other war activities. Credit should be given our doctors, nurses and staff for assuming the duties of those who have entered war work. The war has affected the Board of Trustees also. Mr. Cowles, our President, and Mr. Howe, our Treasurer, are still on active duty with the Navy. It has been necessary for Senator Pyne to resign as Secretary because of his duties in the New Jersey Legislature.

Several factors have combined to cause a decrease in the number of patients applying for treatment in the clinic and hospital. Among these are a marked lowering in the incidence of certain diseases such as tuberculosis and rickets, and an improvement in the method of treating many orthopaedic conditions which lessens the time necessary to keep a patient in the hospital. The trend for a number of years has been toward an increase in the number of adult patients and a decrease in the number of children. The marked gain in employment brought about by the war conditions has led to a notable falling off in the number of adults applying for treatment. It is fortunate that this is so, because the reduction in the size of our staff would otherwise have made it

almost impossible to carry on the work of the hospital satisfactorily.

The hospital has had the misfortune to lose a most valuable officer at this crucial time. Mr. Frank L. Polk, our Vice-President, who died on February 7, 1943, was of inestimable help to the hospital throughout his long connection with it. He became a Trustee in 1905. Because of his interest in the work of the hospital, he was elected Vice-President in 1924. There was never a time when he did not willingly and gladly respond to any demands made upon him, and we were indeed fortunate to have had the services of so able and distinguished a citizen for over thirty-eight years.

Mr. Morris, the Chairman of the Executive Committee, continues to give much of his time and thought to the work of the hospital. His direction has resulted in an efficient management and a fine spirit of cooperation among all those interested in our organization.

We now enter our seventy-seventh year with a number of new officers, all of whom pledge themselves not only to carry on faithfully the obligations and standards of their predecessors, but also to keep the hospital in line with modern ideas and practice.

Respectfully submitted,

JOHN SLOANE,

Vice-President.

# RESOLUTION ON THE DEATH OF FRANK L. POLK, VICE-PRESIDENT

With deep sorrow we record the death on February 7, 1943 of Frank L. Polk, a Trustee of this Hospital since 1905 and its Vice-President since 1924.

We all know how largely his life was devoted to the public service. He filled with distinction some of the highest offices in the City and Nation. He was counsellor to the State Department, Under Secretary and Acting Secretary of State, and finally a member of the American Delegation to the Versailles Peace Conference.

But we, the Trustees of this Hospital, and all those who have for many years been connected with its work, realize most keenly the great debt we all owe to him not only for his public activities but also for his unremitting devotion to the relief of the sick and crippled during his long connection with this Hospital.

We shall not forget how much the removal of the Hospital from its former site, the erection of the present building and the development of its activities, owe to his wise counsel and advice. Always willing to contribute with the utmost generosity his time and vitality to its work, his death will be mourned by all those who in whatever capacity have been connected with this Hospital.

## REPORT OF THE BOARD OF SUPERVISORS

To the Board of Trustees, New York Orthopaedic Dispensary and Hospital

#### GENTLEMEN:

1942 was the first full year of war, and the Board of Supervisors was fortunate in being able to carry on its work with very little change from former years. Mrs. Willis Reese and Mrs. J. Harlin O'Connell joined the Board early in the year, and Mrs. Herrick, who was obliged to move to Washington on account of her husband's war work, was granted leave of absence.

Through the efforts of Mrs. Whitehouse and Mrs. Walker the Board was to render a useful service to the Hospital in securing the appointment of Miss Elizabeth H. Yates as Chairman of Volunteers. Miss Yates has built up a corps of volunteers which has proved of great value at a time when every department of the Hospital is shorthanded. No mention of volunteers would be complete without a word of gratitude to Mrs. Bryant McCampbell, volunteer assistant in the patients' library, for the way in which she took complete charge of the patients' library during the three months' absence of the librarian, Miss Purrington, on account of illness. The patients' library has long been one of the chief interests of the Board of Supervisors, whose members regularly contribute, financially and otherwise, to its maintenance.

As usual the Board formed a team for the United Hospital Fund Drive, and under the able and untiring leadership of Mrs. Thomas Hitchcock they succeeded in raising a substantially higher amount than last year, although conditions were certainly more difficult.

Respectfully submitted,

Leslie M. Chanler,
Secretary.

### REPORT OF THE SURGEON-IN-CHIEF

To the Board of Trustees of the New York
Orthopaedic Dispensary and Hospital

### GENTLEMEN:

The need of the Army and Navy for the services of the members of our staff, particularly the younger men, has resulted, as was anticipated, in a marked reduction in their numbers. With this has occurred a serious shortage of nurses. The scarcity of doctors has been felt most keenly in the dispensary and has necessitated the reduction of services from four to three in each clinic and the temporary discontinuance of several of the special services, such as that for arthritis.

Fortunately the lack in personnel has been compensated for in part by a reduction in the number of patients applying for treatment. It has been pointed out previously that there has been a gradual trend over a number of years toward an increase in the age of patients treated in the clinic and hospital. This is due to a decrease in rickets, tuberculosis and some other conditions largely affecting children and to an increased interest in orthopaedic defects in adults. A marked falling off in the number of patients treated for orthopaedic conditions in clinics since the beginning of the war has been noted in all parts of the nation. This is attributed to much more widespread employment and to the consequent inability or reluctance of the workers to take time off for the treatment of any condition which is not absolutely essential. It seems probable that under these conditions there will be an accumulation of these cases, resulting in a large demand for orthopaedic care after the war.

The following members of the medical staff have entered the Medical Corps of either the Army or Navy: Thomas McDowell Anderson, Robert Bingham, G. Newton Boice, Ralph Earp, George Hollins, Frederick J. Knocke, Robert W. Meyer, Lawson E. Miller, Alexander D. Papas, Edgar L. Ralston, William B. Sheppard, Dana Street, Calvin K. Terwilliger and Melvin B. Watkins.

The services of our residents and fellows have been eagerly sought and there is great demand for more men with such training. This need is certain to increase as the war progresses, as illustrated by the fact that in the last war eighty per cent of the battle casualties were of an orthopaedic nature. How this demand for a large additional number of men with such training is to be met is not apparent. All of the able bodied graduates of medical schools are in the Army or Navy and are being inducted into active service after a one-year internship in a general hospital. This policy puts a complete stop to the further training of orthopaedists eligible for military service and leaves us dependent upon those disqualified for such service for our future residents.

The acceleration of the course in the College of Physicians and Surgeons so that the students are now graduated at the end of three instead of four years necessitates the carrying on of the teaching program continuously throughout the year and adds this much to the load which the staff of the hospital is now carrying.

The introduction of the Kenny treatment for the early stages of infantile paralysis has stirred a great deal of interest in this subject as well as some controversy among orthopaedic surgeons. The method has been in use at the Orthopaedic Hospital for eighteen months. We are not yet prepared to pass any final judgment upon it but at the

moment are persuaded that the method has merits justifying its continuation and further trial. It is to be regretted, however, that the publicity which the subject has received has misled a number of laymen in believing that it is a new cure for infantile paralysis.

Dr. William B. Snow, Dr. Arno Guréwitsch, Miss Sharp, directress of nurses, and Miss Tandberg, head physical therapy technician at the Country Branch, took courses in the method at the University of Minnesota through scholarships provided by the National Foundation for Infantile Paralysis, and Miss Bishop, directress of nurses in the city hospital, Miss Brown, a charge nurse at the Country Branch, and Miss Monroe of the physical therapy department, are taking a course given under the auspices of New York University. The number of cases of the disease in this area, fortunately, has been rather small in recent years but the possibility of an epidemic exists each summer.

The National Foundation for Infantile Paralysis has continued its very helpful grants to the hospital for the treatment of cases of the disease.

The section on tuberculosis of bones and joints in the Progress of Orthopaedic Surgery which is now being published annually by the Academy of Orthopaedic Surgeons was prepared last year by the staff of this hospital, and we are again writing that part of the report this year. The study of orthopaedic conditions and research, both clinical and laboratory, necessarily have been curtailed by the conditions under which we are working, but the following papers were read or published by members of the staff during the year:

### Staff Papers Read 1942

- BINGHAM, ROBERT B.: An Introduction to the Kenny Treatment of Infantile Paralysis. Read at the Country Branch of the New York Orthopaedic Dispensary and Hospital to a meeting of the New York State Association of Institutions for the Physically Handicapped, April 17, 1942.
- HOLLINS, GEORGE C., JR.: The Operative Treatment of Scoliosis. February, 1942.
- Howorth, M. Beckett: Low Back Pain. Radio talk, February 24, 1942, 11:15-11:30 A.M. over WMCA.
- Howorth, M. Beckett: Orthopedic Problems in General Practice. Putnam County Medical Society, October, 1942.
- Howorth, M. Beckett: Poliomyelitis. Read at West Side Clinical Society, April, 1942.
- Howorth, M. Beckett: Posture and Body Mechanics. Read at Pediatric Section, New York Academy of Medicine, April, 1942.
- SMITH, ALAN DEFOREST: Committee on Scoliosis. Read at the Meeting of the American Academy of Orthopaedic Surgeons, January 12, 1942.
- SMITH, ALAN DEFOREST: Spine Fusion in the Treatment of Low Back Pain. Read at the Meeting of the American Academy of Orthopaedic Surgeons, January 12, 1942.
- SMITH, ALAN DEFOREST: Sciatica. Read at the Morris County New Jersey Medical Society, April 16, 1942.
- Thompson, W. A. L.: End Result Study of the Tibial Tubercle Transplant for Recurrent Dislocation of the Patella. Read at the Monthly Meeting, New York Academy of Medicine, November, 1942.
- Thompson, W. A. L.: The Treatment of Spastic Paralysis. Read at the Fortnight Meeting of the New York Academy of Medicine, September, 1942.

### Staff Papers Published 1942

HALLOCK, HALFORD: Surgical Stabilization of Dislocated Paralytic Hips: an End-Result Study. Surgery, Gynecology and Obstetrics 75:721-728, December 1942.

- Howorth, M. Beckett: Leg-Shortening Operation for Equalizing Leg Length. Archives of Surgery, 44:543-555, March, 1942.
- SMITH, ALAN DEFOREST, and MILLER, LAWSON E., JR.: The Laminagraph as an Aid in the Treatment of Chronic Osteomyelitis. Surgery, Gynecology and Obstetrics, 75:507-509, October, 1942.
- Snow, William Benham, and Gurewitsch, A. David: Muscle Reeducation in Therapy, Including Electrical Stimulation of Muscles and Nerves. Archives of Physical Therapy, 23:69-75, February, 1942.
- Snow, William Benham, Brighton, George R., and Friedman, Herbert S.: Short Wave Therapy in the Treatment of Sinusitis and Allergic Rhinitis, a Statistical Evaluation. Journal of the American Medical Association, 118:507-510, February 14, 1942.
- Snow, William Benham: Relationship Between Medicine, Nursing, Physical Therapy, and Physical Education. Health and Physical Education, September, 1942—J 303.
- Liebolt, Frederick L.: An article on feet published in Harper's Bazaar and Kings Syndicate. 1942.

Respectfully submitted,

ALAN DEFOREST SMITH, Surgeon-in-Chief.

TABLE No. 1 Summary of New and Old Cases — January 1, 1942 to December 31, 1942

						_
1942 DIAGNOSIS	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
DISEASES OF THE PSYCHOBIOLOGICAL UNIT	27	17	3	7	14	41
DISEASES OF THE BODY AS A WHOLE	193	10	92	91	92	285
REGIONAL DISEASES	100	7	7	86	46	146
DISEASES OF THE INTEGUMENTARY SYSTEM	305	4	49	252	75	380
DISEASES OF THE MUSCULO-SKELETAL SYSTEM: Bones: Prenatal influence Diseases due to infection Diseases due to trauma or physical agents Diseases due to mechanical abnormality of unknown origin Diseases due to disorders of metabolism, growth, or nutrition. New growths Diseases due to unknown cause. Joints:	62 22 689 3 18 21 171	5 2 17 9	23 9 87 2 4 5 91	34 11 585 1 5 15 67	78 58 257 29 23 204	127 80 946 3 47 44 375
Prenatal influence Diseases due to infection Diseases due to trauma Diseases due to disturbances of innervation or of psychic control Diseases due to or consisting of mechanical abnormality of un-	2473 336 625 3	484 5 6	696 23 83	1293 308 536 3	416	752
known origin. Diseases due to disorders of metabolism, growth, or nutrition. Diseases due to unknown cause. Bursae. Muscles:	15 9 1 <b>70</b> 5 1 <b>72</b>	1 6 78	2 219 8	12 3 1408 164	1146 70	18 11 2851 242
Prenatal influence Diseases due to infection Diseases due to trauma Diseases due to trauma Diseases due to disturbance of circulation or of psychic control Diseases due to disorders of metabolism, growth, or nutrition. New growths Diseases due to unknown cause. Tendons. Fascia	50 3 886 225 4 1 55 116 116	34 2	18 1 71 85 2 8 10 7	815 106 106 147 106 109	152 669 871 2 16 43 28	202 3 1555 1096 6 1 71 159 144
DISEASES OF THE RESPIRATORY SYSTEM	2			2	1	3
DISEASES OF THE CARDIOVASCULAR SYSTEM	88		1	8 <i>7</i>	16	104
DISEASES OF THE HEMIC AND LYMPHATIC SYSTEM	1		• • • •	1	1	2
DISEASES OF THE DIGESTIVE SYSTEM	5	1		4		5
DISEASES OF THE URO-GENITAL SYSTEM	3			3		3
Diseases of the Nervous System	58	4	2	52	32	90
DISEASES OF THE ORGANS OF SPECIAL SENSE	1	1				1
BONE DONOR					1	1
SYNDROME	2			2		2
Examination None	36	1	5	30		36
No Orthopaedic Condition	135	44	42	49	8	143
Non-Diagnostic	99	6	16	77	4	103
Тотац	8835	782	1671	6382	6477	15312

### TABLE No. II

## Dispensary Report January 1, 1942 to December 31, 1942

Number of New Cases Treated in Dispensary	8,835
Number of Revisits to Dispensary Surgeons.	29,417
Number of Visits to Arthritis Clinic	894
Number of Visits to Club-Foot Clinic	1,327
Number of Visits to Follow-up Clinic	639
Number of Visits to Fracture Clinic	361
Number of Visits to Neurological Clinic	460
Number of Visits to Scoliosis Clinic	1,504
Total Visits	43,437

# TABLE III Physical Therapy Department Report

Number of Visits.	33,354
Number of Treatments	65,646
Thermotherapy	12,918
Underwater Exercises	69 <b>2</b>
Massage	25,19 <b>1</b>
Corrective Exercises and Passive	18,377
Ultra Violet	34
Galvanic-Faradic Sinusoidal	112

from January 1, 1942 to December 31, 1942

### TABLE No. IV

### Hospital Report — January 1, 1942 to December 31, 1942

Diseases of the Body as a Whole:	
Regional Diseases:	
Diseases due to prenatal influence	1
Diseases due to infection	4
Diseases due to trauma	1
Diseases due to or consisting of mechanical abnormality of unknown origin	10
New growths	4
Diseases of the Skin and Subcutaneous Areolar Tissue:	
Diseases due to infection	1
Diseases due to trauma	2
New Growths	1
DISEASES OF THE MUSCULO-SKELETAL SYSTEM:	
Bones:	
Diseases due to prenatal influence	26
Diseases due to infection	12
Diseases due to trauma	104
Diseases due to mechanical abnormality of unknown origin	5
Diseases due to disorders of metabolism, growth, or nutrition	3
New growths	16
Diseases due to unknown cause	38
Joints:	
Diseases due to prenatal influence	172
Diseases due to infection	144
Diseases due to trauma	36
Diseases due to unknown cause with manifest structural reaction	342
Bursae	18
Muscles:	
Diseases due to prenatal influence	42
Diseases due to trauma.	5
Diseases due to disturbance of innervation or psychic control	174
Diseases due to unknown cause	5
Tendons and fascia.	19
Diseases of the Nervous System;	6
	2
Jndiagnosed Condition	2
Bone Donor.	2
Total	1,195

### TABLE No. V

### Report of Operations, January 1, 1942 to December 31, 1942, Inclusive

REGIONS AND INTEGUMENTARY SYSTEM	Manipulation
	Manipulation 20
	Necding
	Necdling 1 Plastic Correction for Hallux Valgus (Lapidus) 15 Plastic Correction for Hallux Valgus (Silver) 7
Biopsy. 1 Drainage of Pus. 32	(Lapidus) 15
Drainage of Pus	Plastic Correction for Hallux Valgus
Dressing under Anesthesia	(Silver) 7
Excision of Callus 1 Excision of Clavus 4	(Silver). 7 Plication of Capsule. 2 Reconstruction. 2 Reduction of Dislocation, Closed. 3 Reduction of Dislocation, Open. 8
Excision of Clavus 4	
Eusisian of Conglion on Crest	Reduction of Dislocation Closed
Excision of Mole	Reduction of Dislocation, Closed
Exclusion of those in the contract of the cont	Reduction of Dislocation, Closed
Excision of Neoplasm 6	Release of Congenital Club Foot (Ober) 2
Excision of Scar	Release of Contracture 4
Excision of Sinus Tract 6	Release of Contracture of Toe (Lant-
Excision of Verruca 1	zounis)
Exploration 6	zounis)
Exploration	
Onychectomy 2	
Onychectomy	Removal of Loose Body
Devision of Amoutation Stump	Repair of Pseudarthrosis
Revision of Amputation Stump	1 repair of 1 seudarelifosis
Secondary Suture	Resection
Skin Graft 8	Revision of Arthrodesis 9
Bones	Revision of Arthroplasty 5
Biopsy 5	Shelf Stabilization of Hip 4
	Stretching
Coccygectomy	Stretching. 1 Synovectomy. 8
with Bone Chips	
	Muscles
Drilling	Lengthening
Excision 7	Myotomy, Sternomastoid
Excision, Partial	Release of Internal Rotation Contrac-
Excision, Phemister 18	ture of Hip
Excision of Neoplasm	Release of Internal Rotation Deformity
Excision of Osteophytes	of Shoulder (Sever)
Exostectomy	
	Transplantation 1
	Bursae
Injection of Medicament	Excision 11
Insertion of Cup, Nail, Pin, Plate, Screw	Excision. 11 Excision, Partial. 1
or Wire	Injection of Medicament
Laminectomy	1rrigation
Manipulation of Osteotomy	Needling. 4
Ostectomy, Partial	
	TENDONS AND FASCIA
Reduction of Fracture, Closed 14	Excision of Fascia
Reduction of Fracture, Open	Excision of Tendon Sheath 1
Removal of Bone Chips, Graft, Key or	Excision of Tendon Sheath
Plate	Exploration of Tendon
Removal through Interspace	Exploration of Tendon.         1           Fasciotomy.         36           Incision of Tendon Sheath.         2
ittiiovai tiitoagii iiitoropaeeii iiitoropaeeii	Lasisian of Tandon Shooth
	1 1rrigation of Tendon
Removal of Nail, Plate or Wire 9 Removal of Overgrowth of Bone 2	
	Lengthening of Tendon
Repair of Dislocation with Pascia	Lengthening of Tendon
Repair of Non-Union of Fracture with	Release of Contracture of Tendon Sheath 2
Bone Chips or Grafts 5	Removal of Calcincation of Tendon
Bone Chips or Grafts	Repair of Lendon
Bolt, Nail, Plate or Wire 2	Resection of Tendon
Resection	Tenosynovectomy
Sauccrization	Tenotomy 36
Sequestrectomy4	Tenotomy
Secamoidectomy	
	Nervous System
	Exploration
I lansplantation	Injection of Medicament
JOINTS AND LIGAMENTS	Neurectomy
Arthrodesis	Release of Intraspinal Scar
Arthroplasty	Repair
Aspiration	Contract
	Suture
Biopsy	Transplantation 1
Capsulotomy 18	Miscellaneous
	Lateration of Medicament
Division of Adhesions	Limition of Artery
Excision of Menisci	Taxaillest array
Exploration 7	Transfusion Direct 224
Exploration 7 Fusion 241 Insertion of Greater Trochanter into	Ligation of Artery. 2 Tonsillectomy. 4 Transfusion, Direct. 224
Insertion of Greater Trochanter into	
Acetabulum (Colonna)	Total2093

TABLE No. VI

Pathological Laboratory Report of Examinations
Made from January 1, 1942 to December 31, 1942

EXAMINATIONS	Hospital	Private Pavilion	Dispensary	Country Branch
BLOOD EXAMINATIONS: Chemical	314 6,590 2,107	83 788 89	99 3,606 1,680	3 7
Basal Metabolism Test	38	8	7	
Cultures	241	38	59	8
Gastric Analysis	3	5		
GUINEA PIG INOCULATION FOR TUBERCULOSIS	50	8	4	8
MANTOUX TEST AND OTHER SKIN TESTS	34	4	141	
SMEAR EXAMINATIONS, BACTERIOLOGICAL	273	20	7	92
Spinal Fluid Examinations	317	116	1	7
STOOL EXAMINATIONS	9	2	1	1
Tissue Examinations	287	57		
Autopsy	1			
Urine Examinations	2,861	471	171	
Vaccines, Autogenous		5		
Totals	13,125	1,694	5,776	126

Total Tests 20,721

Examinations Above by New York City Department of Health: Wassermann 76, Other 1.

### TABLE No. VII

### Department of Roentgenology—Dispensary and Hospital Report from January 1, 1942 to December 31, 1942

9,241
22,393
1,071
306
551

### TABLE No. VIII

### Dental Department, Dispensary and Hospital Report from January 1, 1942 to December 31, 1942

Number of Visits	2,639
Number of Examinations	946
Number of Extractions.	289
Number of Treatments	96
Number of Fillings.	1,189
Number of Prophylactic Treatments	741

### TABLE No. IX

### Report of the Brace Shop January 1, 1942 to December 31, 1942

139
6
231
57
53
,898
186
,571
,157

# TABLE No. X Summary of Cases—Country Branch January 1, 1942 to December 31, 1942

TYPE OF CASE	In C. B. Jan. 1 1942	Total Admitted	Total Discharged	In C. B. Dec. 31 1942
Musculo Skeletal System				
Diseases Due to Prenatal Influence	15	65	71	9
Diseases Due to Infection	32	47	53	26
Diseases Due to Trauma	7	16	22	1
Diseases Due to Disturbance of Innervation or Psychic Control	55	97	118	34
Diseases Due to Disorders of Metabolism, Growth or Nutrition	0	1	1	0
Diseases Due to Unknown or Uncertain Causes		78	87	18
	136	304	352	88
Number of patients under two years of a	age treated			4
Number of patients from two to sixteen	treated	• • • • • • • • • • • • • • • • • • • •		243
Number of patients over sixteen treated.				193
Number of patient days				42,889
Number of patients per day				117.5
Average days stay per patient		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	97.5

### TABLE No. XI

### Department of Roentgenology—Country Branch Report from January 1, 1942 to December 31, 1942

Number of Patients Roentgenographed	774
Number of Roentgenograms Made	1,290
Number of Dental Films Used	4
TABLE No. XII	
Dental Department—Country Branch Report from	
January 1, 1942 to December 31, 1942	
Number of Visits.	1,028
	·
Number of Examinations.	514
Number of Treatments	69
Number of Extractions	55
Number of Fillings	540
Number of Prophylactic Treatments.	454
TABLE No. XIII	
Physical Therapy Department—Country Branch Report from	
Ianuary 1, 1942 to December 31, 1942	

Number of Visits	17,794
Number of Treatments:	
Thermotherapy 6,8	71
Underwater Exercises	13
Massage 8,0	50
Corrective Exercises, Active and Passive	20
Ultra Violet	54
Galvanic-Faradic-Sinusoidal	26
_	- 52,834

### REPORT OF THE SUPERINTENDENT

To the Board of Trustees,

New York Orthopaedic Dispensary and Hospital

GENTLEMEN:

The report of the activities of the Hospital could well begin with the important event of December 7th which changed the way of living and accomplishment, especially as pertains to hospitals. A number of our Trustees have left during the year to join the armed forces. This leaves a greater burden of work for the other members of the Board. The medical and nursing staffs have especially been upset since so many have left for the Army and Navy and it has become increasingly difficult to get replacements for them.

It has been necessary during the year to lower somewhat the standards of upkeep of the Hospital as good housekeeping has been a thing impossible to obtain, with the shortage and turnover of employees. We have made changes in our Dietary Department and as our Dietitian who had been here for a number of years was ill and left, it was necessary to obtain someone to take her place. At the present

time we have a most satisfactory person.

At both the Hospital and Country Branch, the number of patients that have applied for treatment has been less, due somewhat to the less civilian population and to the fact that people are receiving more money for defense work and money seems to be freer, which sends more to private doctors and less to the Dispensary and charitable hospitals. Also, the type of orthopedic patient has changed as well as the treatment.

Volunteers have helped out very much in our Dispensary Department and the Red Cross Nurses' Aides have been invaluable to us on the Wards. Miss Elizabeth H. Yates, who has taken over the Chairmanship of the Volunteer Department, has done a splendid job and we are most grateful for her services.

The cost per ward patient day in the Hospital was \$6.26, while the cost per patient day at the Country Branch was \$4.82. In the Hospital 50% of the work was free, and 49% of the work at the Country Branch was free. The expenses for both the Hospital and the Country Branch were within the estimated budget.

There were 43,437 visits made to the surgeons in the Dispensary during the year 1942; 15,312 individual patients made these visits. A continued drop in the number of Dispensary visits has been noted in the past few years due mainly

to preventive medicine.

In the Hospital wards 977 patients were treated and 217 Private patients, there were 34,375 patient days, the average stay per patient being 38 days. There were 1,822 opera-

tions performed.

2,639 visits were made to the Dental Department. In the Brace Shop 1,177 instruments were made. In the X-ray Department, 22,293 x-rays were taken, and in the Pathological Laboratory 21,072 examinations were made.

At the Country Branch 435 patients were treated in 1942. There were 42,889 patient days and the average stay per patient was 122 days. There were 1,290 x-rays taken.

1,028 visits were made to the Dental Department.

At both the Hospital and the Country Branch the Physical Therapy Departments were active. 65,646 treatments were given in the Hospital and 52,834 at the Country Branch.

Reference to the statistical tables will show the detailed work done in the other departments and I refer you to the

Treasurer's statement for the financial report.

I wish to take this opportunity to express my appreciation to the Staff and personnel for the excellent cooperation they have given in carrying out their share of responsibility for the welfare of the patient. To the Board of Trustees and the Board of Supervisors I am greatly indebted for their support and understanding in the management of the Hospital.

Respectfully submitted,

THEODORA S. ROOT,
Superintendent.

### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

### BALANCE SHEET, DECEMBER 31, 1942 (On Basis of Cash Receipts and Disbursements)

ASSETS		
Endowment and Other Nonexpendable Funds Assets (consolidated):		
Bonds and stocks (approximate amount at market quotations, \$3,282,000)		\$ 3,553,248.31
Real estate mortgages and mortgage participation at face amounts or cost, if less, including past due and open items		
and those on which interest is in arrears		1,264,941.37
In vicinity of City Dispensary and HospitalOther	\$ 413,703.27 1,023,615.42	1,437,318.69
Cash awaiting investment		78,426.34
Total endowment and other nonexpendable funds assets		6,333,934.71
PLANT:		
Land, buildings and equipment, at book amounts (no allowance for depreciation):		
City Dispensary and Hospital Country Branch	2,311,289.00 1,124,965.61	3,436,254.61
Current Funds Assets:		2,10 , 0
	100 706 00	
Bonds (approximate amount at market quotations, \$539,100) Advances for petty cash, etc	490,706.88 10,700.00	
Cash	135,936.34	
Total current funds assets		637,343.22

### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

### BALANCE SHEET, DECEMBER 31, 1942 (On Basis of Cash Receipts and Disbursements)

	\$ 598,842.80
\$ 844,596.03	
2,045,942.21	
1,002,500.00	3,893,038.24
1,102,256.62 739,797.05	1,842,053.67
	6,333,934.71 3,436,254.61
214,388.95 56,310.18 1,813.86 119.42	
272,632.41	
410.00	
364,300.81	
	637,343.22
	\$10,407,532.54
	2,045,942.21 1,002,500.00 1,102,256.62 739,797.05 214,388.95 56,310.18 1,813.86 119.42 272,632.41 410.00

### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL ALONZO POTTER, Acting Treasurer

# STATEMENT OF INCOME AND UNAPPROPRIATED CURRENT FUNDS' SURPLUS FOR YEAR ENDED DECEMBER 31, 1942 (On Basis of Cash Receipts and Disbursements)

INCOME:		
Investment securities and rented propertiesLess, Amount apportioned to restricted expendable funds	\$239,489.42 34,546.17	\$204,943.25
Patients' board, professional care, etc. City aid. Donations and subscriptions. Special contributions. Free beds annually endowed. Special nurses' board. Miscellaneous.		244,861.24 112,361.93 70,891.75 3,865.00 1,050.00 2,871.10 3,859.84
Total income		644,704.11
Expenses:		
Professional care of patients	265,668.80	
Less, Amount allocated from restricted expendable fund, Annie C. Kane fellowships for surgeons	7,200.00	
Annie C. Kane lenowships for surgeons	7,200.00	
Household and property	258,468.80 271,438.30 79,797.94	
Total expenses		609,705.04
Net income for year 1942		34,999.07
Appropriations for Reserve for Plant Betterments		37,983.79
Net loss for year 1942 after appropriations		2,984.72
Unappropriated Current Funds' Surplus, December 31, 1941		29,200.80
Loss on Sales of Current Funds' Investments in 1942		26,216.08 7,475.00
Unappropriated current funds' surplus, December 31, 1942		\$ 18,741.08

#### ACCOUNTANTS' REPORT

NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL,

New York, New York.

We have made an examination of the balance sheet of the New York Orthopaedic Dispensary and Hospital as of December 31, 1942, and of the related statement of income and unappropriated current funds' surplus for the fiscal year then ended. These statements were prepared from the accounts kept by the custodian, Central Hanover Bank and Trust Company, on the basis of cash receipts and disbursements.

In connection with such examination, we examined or tested accounting records maintained for the institution by the custodian, and other supporting evidence, and obtained information and explanations from officers and employees of the custodian; we also made a general review of the operating and income accounts shown on the said accounting records for the year, but we did not make an audit of the transactions or of the accounting records maintained at the City Dispensary and Hospital and the Country Branch except to substantiate the remittances by the institution to the custodian and the remittances from the custodian to the institution as recorded by the custodian, and to account for the advances for petty cash, etc., shown on the books kept by the custodian. Our examination of the income from patients, city aid, contributions and other sources received by the institution and remitted to the custodian was limited to comparison of the total amounts recorded by the custodian with the related amounts shown on the books kept at the City Dispensary and Hospital and the Country Branch.

The investments shown on the books at December 31, 1942 were in agreement with those shown on certified lists submitted to us by the Central Hanover Bank and Trust Company. The real estate mortgages and mortgage participation, including past due and open items and those on which interest is in arrears, are shown in the accompanying balance sheet at face amounts or at cost, if less, as market quotations are not available. As heretofore, we did not request confirmation of the balances of the outstanding mortgages or interest in arrears thereon by means of correspondence with the mortgagors.

In accordance with the adopted policy, no allowance was made for depreciation of buildings and equipment. No charges were made for additions to plant during 1942; minor additions were charged to the reserve for plant betterments or to operating expenses.

In our opinion, based upon the examination described in the foregoing paragraphs and subject to the foregoing explanations, the accompanying balance sheet and related statement of income and unappropriated current funds' surplus present fairly the position of the New York Orthopaedic Dispensary and Hospital at December 31, 1942, and the results of its operations for the year 1942 on the basis of cash receipts and disbursements.

Lybrand, Ross Bros. & Montgomery.

New York, April 15, 1943.

#### **ENDOWED BEDS**

### In Perpetuity

- 1883. By Miss C. B. Hicks, continued in perpetuity by Buchanan Winthrop.
- 1886. By Mrs. Elizabeth Milbank Anderson, four beds. In Memory of J. Milbank Anderson.
- 1891. By Alfred Corning Clark, three beds.
- 1891. By Edward Severin Clark, two beds, to be known as the "Edward Severin Clark Beds."
- 1891. By Mrs. Henry S. Winthrop.
- 1893. By Mrs. William D. Sloane. In Memory of William Douglas Sloane, Jr.
- 1893. By James K. Gracie. In Memory of Anna Bulloch Gracie.
- 1893. By Miss Sarah B. Gibbs.
- 1894. By Mrs. Richard Tylden Auchmuty, two beds. In Memory of Richard Tylden Auchmuty.
- 1894. By James H. Jones.
- 1896. By Mrs. William Astor. In Memory of Helen Roosevelt.
- 1896. By Mrs. Evan T. Walker. In Memory of John J. Walker.
- 1897. By Mrs. William D. Sloane, two beds, one bed in Memory of Maria Louise Vanderbilt and one in Memory of Emilie Vanderbilt Burden.
- 1898. By Mrs. Charles B. Alexander, for her Daughter, named the Harriet Alexander Bed.
- 1901. By Mrs. N. A. Baldwin. In Memory of Louise Suydam Duer.
- 1901. By Mrs. Benjamin Brewster. In Memory of Benjamin Brewster.
- 1901. By Henry T. Sloane, Jessie and Emily Sloane, bed endowed by their Father.
- 1901. By Mrs. Marion Story. In Memory of M. Furman Hunt.
- 1902. By James Henry Smith, two beds. In Memory of George Smith.
- 1902. By Miss Emily A. Watson. In Memory of Mrs. Mary J. Walker.
- 1904. By Miss Cornelia Prime. In Memory of her Brother, Temple Prime.
- 1904. By Miss Helen Phipps.
- 1904. By James K. Gracie. In Memory of Esther Gracie Ogden.
- 1906. By Miss Caroline White.
- 1906. By Mrs. M. Dwight Collier. In Memory of Maurice Dwight Collier.
- 1908. By Mrs. H. N. Munn, Mrs. Augusta Munn Tilney and Orson D. Munn. In Memory of Henry Norcross Munn.
- 1911. By Everetta C. Whitney estate.

- 1911. By Miss Josephine C. Smith. In Memory of her Father, Dr. Edward A. Smith, and her Mother, Rebecca Miller Smith.
- 1913. By Estate of Marion de Forest Clark. In Memory of Julian Bouton Clark.
- 1913. By an anonymous donor, to be known as "Mary Townsend Cuyler Bed."
- 1913. By Carolina F. Butterfield. In Memory of Frederick Falconer Butterfield.
- 1915. By Miss Emily Trevor.
- 1915. By Mrs. Frederick W. Vanderbilt, to be known as "The Louise Bed."
- 1915. By George Grant Mason, two beds. In Memory of his Uncle, James Henry Smith.
- 1916. By Henry M. Tilford. In Memory of Catharine Hunt Tilford.
- 1916. By estate of Miss Clementine Furniss, to be known as the "Clementine Furniss Bed."
- 1916. By an anonymous donor.
- 1917. By Mrs. Charles H. Senff. In Memory of her little Son, Henry Senff.
- 1917. By Mrs. A. Murray Young. In Memory of her Great Uncle, Wilson G. Hunt.
- 1919. By R. Fulton Cutting, to be known as the "Helen Suydam Cutting Bed."
- 1919. By Mrs. Frederick Delano Hitch.
- 1919. By Levi P. Morton. In Memory of Anna Livingston Morton.
- 1919. By Miss Georgiana G. R. Wendel, two beds. "In Memory of her Sister, Augusta A. S. Wendel."
- 1919. By various donors. Bed in Memory of Theodore Roosevelt, former President of the United States.
- 1920. By Mrs. John Hobart Warren.
- 1921. By Mrs. Winthrop W. Aldrich. In Memory of her little Son, Winthrop Williams Aldrich, Jr.
- 1921. By F. Ambrose Clark, to be known as "The Florence L. Clark Bed."
- 1922. By Mrs. David T. Dana. In Memory of her Mother, Mrs. M. Dwight Collier.
- 1924. By Charlotte Bruce Bickmore estate. In Memory of Albert Smith Bickmore, Jr.
- 1924. By Mrs. Louise Ward McAllister Lewis. In Memory of her Mother.
- 1925. By Miss Elizabeth J. Hofer, two beds. In Memory of Horatio C. Kretchmar.
- 1925. By Percy Chubb. In Memory of his Wife.

- 1925. By Junior Red Cross of the Public Schools of New York.
- 1925. By Mrs. Douglas Robinson. In Memory of her Friend, Charles Allen Munn.
- 1926. By Junior Red Cross of the Public Schools of New York.
- 1927. By Darrach Home.
- 1928. By Mrs. Mary L. Schoonmaker, ten beds. In Memory of Sylvanus Lothrop Schoonmaker and Frank Layng Schoonmaker.
- 1928. By estate of Henry D. Dickinson. In Memory of Hathaway M. Dickinson.
- 1930. By James T. and Sarah Bancroft Leavitt, to be known as the "Mrs. James T. Leavitt Bed."
- 1934. By Henry C. deRham, Frederic F. deRham and Clarisse deRham Rutherfurd. In Memory of their Parents, Charles and Emily Howe deRham.
- 1935. By Mrs. Percy R. Pyne and Family. In Memory of Meredith Howland Pyne.
- 1936. By Miss Elizabeth Stewart Hamilton. In Memory of Mrs. John Hobart Warren, to be known as the "Harriette Mott Warren Bed."
- 1936. By Mrs. Edward S. Harkness. "Dorcas House Bed." In Dear Memory of Wilma Gideon.
- 1938. By Miss Grace Howard Potter. In Memory of Howard and Mary Louisa Potter.

### **ENDOWED ROOMS**

### In Perpetuity

- 1922. By Glenn Ford McKinney, a Ward Room in the Country Branch. In Memory of his Wife, Jean Webster McKinney.
- 1929. By 400 of his Friends and Associates, a Room in the Private Pavilion. In Memory of H. Le Roy von Lackum, M.D., Surgeon in this Hospital, 1916-1928.

### BEDS ENDOWED YEARLY

By the Junior Guild of the New York Orthopaedic Dispensary and Hospital.

By Mrs. Stanley Mortimer. In Memory of Anna Hall Roosevelt.

By Mr. and Mrs. Arnold Whitridge.

# ANNUAL REPORT ORTHOPAEDIC HOSPITAL RED CROSS UNIT

JANUARY 1, 1942 to December 31, 1942

Days open	21
Average Attendance per day	:
TOTAL PRODUCTION	
Surgical Dressings	29,414
Respectfully submitted,	
I rowwy U Uroczys	

Chairman.

### FORTY-FOURTH ANNUAL REPORT

of the

### JUNIOR GUILD

of the

### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

Officers

President

Miss ALINE KATE FOX

Vice-President

MRS. FRANCIS C. HUNTINGTON

Secretary

Mrs. WALTER KOBBÉ

Treasurer
Mrs. JAMES D. REMSEN

### MEMBERS OF THE JUNIOR GUILD

Mrs. Le GRAND BENEDICT Mrs. CARLETON MACY

Miss MARGARET DeW. BENEDICT Miss MATHILDE MOURRAILLE

MRS. JOHN W. EDMONDS MRS. LAURANCE B. RAND

Miss ALINE KATE FOX Mrs. JAMES D. REMSEN

Mrs. JOHN M. HOWELLS Mrs. BENJAMIN DE WITT RIEGEL

MRS. FRANCIS C. HUNTINGTON MISS FRANCES A. STIGER

Mrs. WALTER KOBBÉ Mrs. CLARENCE B. STURGES
Mrs. EFFINGHAM LAWRENCE Mrs. DAVID H. TAYLOR

Mrs. BARENT LEFFERTS Miss ESTHER WATERMAN

MRS. JULIAN VAN NESS WHIPPLE

### REPORT OF THE JUNIOR GUILD

The work of the Junior Guild has been the same during the past year. Our meetings are held at the hospital on the first Wednesday of every month from November to May.

We maintain a bed in the children's wards, and supply clothing used in the wards. We make a payment toward the salary of a visiting nurse of the Social Service Department, and give her a monthly sum to be used for milk and eggs, and sometimes special orthopaedic shoes, for children before or after hospitalization.

At Easter we send ice cream to the three children's wards, and at Christmas we fill white cotton stockings with toys for each child in the wards. These stockings are afterwards used for the children while they are in the hospital.

The funds for our various activities are raised through dues, donations and our yearly appeals.

Respectfully submitted,

FLORENCE S. KOBBÉ, Secretary.

### REPORT OF THE JUNIOR GUILD

### From January 1, 1942 to December 31, 1942

RECEIPTS		EXPENDITURES	
Balance January 1, 1942 Dues and Donations	\$1,753.10 3,210.75	Towards Nurse's Salary Endowed Bed Nurse's Extras Easter Ice Cream Printing	\$1,500.00 350.00 180.00 6.48 807.50 \$2,843.98
	\$4,963.85	Bank Balance December 31, 1942	2,119.87 \$4,963.85

MELINDA G. REMSEN,

Treasurer.

The sum of \$7,500 endows a bed in perpetuity, and the sum of \$350 ndows a bed for one year.

### FORM OF CERTIFICATE OF THE DONOR OF AN ENDOWED BED IN PERPETUITY

### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

NEW TORK ORTHOTAEDIC DISTENSART AND HOSTITAE
This is to Certify that the New York Orthopaedic Dispensary and Hospital brough its Trustees has received from
berein designated as the donor, a fund of Seven Thousand Five Hundred Dollars, for the purpose of founding and maintaining in accordance with its corporate bowers an endowed bed in its Hospital in perpetual memory of
The donor shall have the privilege of nominating the occupant of said bed, but such nomination and the use of said bed shall be subject to all such rules and regulations governing endowed beds, and providing for the treatment, reception and discharge of patients as now exists or which may hereafter be enacted by the Board of Trustees of said Dispensary and Hospital.
Witness this corporate seal of the New York Orthopaedic Dispensary and Hospital, and the signatures of two of its officers, this day of
Secretary. President.

### FORM OF BEQUEST

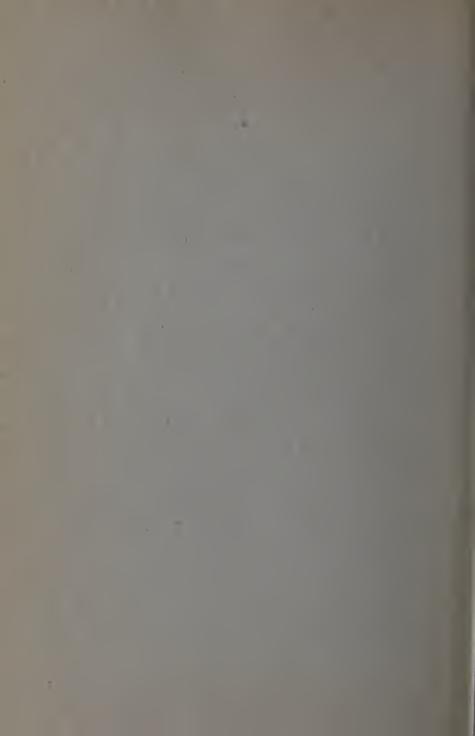
## SEVENTY-SIXTH AND SEVENTY-SEVENTH YEAR BOOK For the Years 1943 and 1944



r york (city)

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

New York City



### SEVENTY-SIXTH AND SEVENTY-SEVENTH YEAR BOOK FOR THE YEARS 1943 AND 1944

# NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

420 East 59th Street, New York City



#### **CONTENTS**

	AGE
Board of Trustees and Officers	5
Trustees' Standing Committees	6
Board of Supervisors and Officers	7
Supervisors' Standing Committees	8
Medical Staff	10
Consulting Staff	11
Executive Staff	12
Report of Vice-President.	13
Report of Board of Supervisors	18
Report of Surgeon-in-Chief	19
Table I. Summary of New and Old Cases 25 and	26
Table II. Dispensary Report	27
Table III. Physical Therapy Report	28
Table IV. Hospital Report	30
Table V. Report of Operations	32
Table VI. Pathological Laboratory Report 33 and	34
Table VII. Department of Roentgenology  Report of Dispensary and Hospital	35
Table VIII. Dental Department,	
Report of Dispensary and Hospital	36
Table IX. Instrument Report	37
Report of Superintendent	38
Report of Treasurer for the Year 1943	40
Accountant's Report for the Year 1943	43
Report of Treasurer for the Year 1944	44
Accountant's Report for the Year 1944	47
Endowed Beds in Perpetuity	48
Endowed Rooms in Perpetuity	51
Beds Endowed Yearly	51
Report of Orthopaedic Hospital Red Cross Unit	52
Report of Junior Guild	53
Form of Certificate to Donor of Endowed Bed	58
Form of Bequest	59







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#### REPORT OF THE VICE-PRESIDENT

To the Board of Trustees and the Board of Supervisors of the New York Orthopaedic Dispensary and Hospital

#### LADIES AND GENTLEMEN:

All departments of the Hospital have combined in an effort to continue, in spite of the difficulties imposed by the war, the service which has been rendered without interruption for the past seventy-seven years. It has been necessary to curtail slightly the number of patients treated in both the dispensary and hospital, but care has been taken not to turn away anyone in need of essential treatment and we have been ever mindful of keeping up our standards in every respect.

A large number of our staff, including our President and four other members of the Board of Trustees, many doctors, nurses and employees are in the armed forces, and it has been difficult to replace them. The importance of orthopaedic surgery in the war has enabled our doctors and nurses to play a valuable part in the care of the wounded.

It is with deep regret that we have to note the death of two of our oldest and most valued Trustees. The Honorable Dave Hennen Morris, Chairman of the Executive Committee, long a member of the Board, and deeply interested in the welfare of the Hospital, died on May 4, 1944. Mr. Bronson Winthrop, also a member of the Board for many years, and formerly counsel, died on July 14, 1944. Mr. Winthrop devoted much time from a busy career to the Hospital.

Because of the difficulty in obtaining doctors, nurses and other employees, due to the war, and because improvement in the treatment of various diseases had led to a decline in the need for convalescent beds, the Country Branch of the Hospital at White Plains, which had been in operation since 1904, was closed temporarily in May 1943. It has been possible to provide for those of our patients most urgently in need of convalescent care by keeping a number in the Hospital and by sending others to convalescent institutions. Among those who have been most helpful in meeting this necessity are Wave Crest, Burke Foundation and the New York State Reconstruction Home. The closing of the Country Branch has emphasized the need for this adjunct to the Hospital and it is hoped that it will be reopened when conditions permit.

It has become more and more evident in recent years that, with the growing complexity of modern medicine, a special hospital such as ours can function more efficiently if closely allied with a large general hospital or medical center. Not only can the patients receive better care under such an arrangement, but we also can perform much more efficiently another of our important functions, that of educating medical students and young doctors who are learning this specialty. Although the Hospital is carrying on very satisfactorily at the present time, with an eye to the future, we are negotiating with The Presbyterian Hospital and Columbia University for a consolidation with those institutions, which would involve the moving of the Hospital to the Medical Center after the war. If this plan is carried out the Hospital will become a part of the Columbia Presbyterian Medical Center but will retain its identity. Another important gain in this move would be the combination of the fracture service of the Presbyterian Hospital with our orthopaedic service under the leadership of Dr. Alan DeForest Smith.

By effecting every possible economy, and due in no small part to the efficient management of our Superintendent, Miss Theodora Root, it has been possible to operate the Hospital during the past two years without a deficit. The satisfactory showing has in part been due to the aid which we received for many of our patients from the City and State of New York covering a portion of the cost of caring for each case.

For the care of patients suffering from poliomyelitis, of which there were a greatly increased number in the last year, the National Foundation for Infantile Paralysis has contributed very generously.

The United Hospital Fund as usual has made an important contribution to the Hospital.

The Board of Supervisors has continued its keen interest in the Hospital and has been helpful in many ways in contributing to its welfare.

Respectfully submitted,

JOHN SLOANE, Vice-President.

# RESOLUTION ON THE DEATH OF DAVE HENNEN MORRIS

#### CHAIRMAN OF THE EXECUTIVE COMMITTEE

The Board of Trustees of the New York Orthopaedic Dispensary and Hospital records with sorrow the death of one of its outstanding members, Dave Hennen Morris, on May 4, 1944.

From the time of his election to the Board in 1912, his experience and wise counsel have been an inspiration. During the last twenty-one years, while acting as Chairman of the Executive Committee, he gave generously of his time and interest to the betterment of the institution; it would be impossible to estimate how great this contribution was. He was a good man, a good citizen and a good friend, and his loss will be felt by many outside of this Board.

To his family we extend our sincerest sympathy.

# RESOLUTION ON THE DEATH OF BRONSON WINTHROP

It is with deep regret that we record the death of Bronson Winthrop on July 14, 1944.

Mr. Winthrop was elected a Trustee of this Hospital in 1904, and from that time until his death he took a most active interest in the affairs of the Hospital. He served as Counsel for the Hospital from 1905 to 1936, and rarely missed a meeting of the Board of Trustees. For several years our meetings were held in his office. His experience and advice were of inestimable value and his death leaves a void hard to fill.

#### REPORT OF THE BOARD OF SUPERVISORS

To the Board of Trustees, New York Orthopaedic Dispensary and Hospital

#### GENTLEMEN:

The year 1944 has presented many difficulties due to the shortage of personnel. Thanks to the devotion of the Nurses, Doctors and Volunteers, the patients have not suffered from lack of care. This fact involves more sacrifice than the public can possibly be aware of.

Owing to shortage of Doctors, it has been necessary to curtail the number of patients treated in the Clinic. However, no patient in need of essential treatment has been turned away. Shortage of personnel also made it necessary to close our Country Branch at White Plains temporarily in May 1943. We have, nevertheless, been able to provide convalescent care for those patients in urgent need of it by keeping some at the City Hospital and sending others to institutions such as Wave Crest. The wards and Private Pavilion have been filled almost to capacity throughout the year.

The death of Mrs. A. Murray Young has been an outstanding tragedy to the Hospital and to the members of the Board of Supervisors individually. For the loss of such a loving friend there is no consolation.

Mrs. James McVickar has consented to fill the vacancy and has been warmly welcomed by all the members.

Respectfully submitted,

Helen Wilmerding,
Secretary.

#### REPORT OF THE SURGEON-IN-CHIEF

To the Board of Trustees of the New York Orthopaedic Dispensary and Hospital

#### GENTLEMEN:

The advantages to the Hospital of a closer affiliation with a medical center and university have been mentioned in previous reports. Plans are now under way to bring this into effect by a merger of the New York Orthopaedic Dispensary and Hospital with the Presbyterian Hospital and the moving of the Orthopaedic Hospital to the Medical Center. There is an excellent prospect that these plans will be consummated as soon as the end of the war releases labor and materials to permit the necessary building. Included in the arrangement is the amalgamation of the present fracture service of the Presbyterian Hospital with the New York Orthopaedic Dispensary and Hospital and the housing of the combined services on a floor of the Presbyterian and Babies Hospitals and the necessary space in the Vanderbilt Clinic. A convalescent hospital which will include a section for the orthopaedic service is contemplated.

The New York Orthopaedic Dispensary and Hospital would retain its name and identity under this arrangement, although it would become a corporate part of the Medical Center. It is believed that the addition of the fracture service and the moving of the Hospital to the Center would have many advantages. The increase in the scope of our service to include, on a larger scale, the treatment of acute injuries will enable us to meet a growing trend for the assignment of this type of surgery to orthopaedists and will make it possible for us to give our residents and fellows a

broader and more complete training, the necessity for which already has been recognized by the American Board of Orthopaedic Surgery.

Daily contact of our staff with that of all the other departments of medicine and surgery will have a great educational value and should stimulate them to undertake new lines of investigation and research. The latter also will be greatly facilitated by easy access to the laboratories and basic science departments of the College of Physicians and Surgeons. Great benefit should accrue to our patients from the availability of all types of medical and surgical treatment. Unfortunately, the same person often is afflicted with more than one disease and needs the simultaneous care of several different specialists.

The importance of orthopaedic surgery in the war is emphasized by reports that about eighty percent of the battle casualties in the Army are of the extremities and spine. Forty-five doctors who formerly were residents, fellows or members of the permanent staff are serving in the Medical Corps of the Army or Navy. Eighteen former members of our nursing staff likewise are serving with the armed forces. Undoubtedly there are many others who received their orthopaedic training in this Hospital who are not included in these numbers because of lack of information.

We have been fortunate in obtaining the services of a sufficient number of competent doctors who for various reasons are ineligible for military service, to maintain our resident and fellowship staffs at a high level of efficiency. The fellows, who have had a very considerable training and experience, have been of great service in taking over many of the duties of the members of the attending staff who are absent on military service. The value of the Annie C. Kane

Fellowship Fund to the Hospital as well as to the recipients of the fellowships again has been demonstrated.

In order to compensate for the shortage of nurses, a larger number of nurses' assistants are being employed and we are using fewer graduate nurses, although the number of patient days has increased. We believe that a high standard of medical care is being maintained.

Due to the shortage of personnel, it has been necessary to limit the number of patients in the Clinic. This has seemed preferable to treating a larger number less adequately. This policy is reflected in the table showing the number of visits to the Dispensary. The census in the wards has been kept up to nearly full capacity. The necessity for keeping certain types of cases in the Hospital for a longer time, due to the closing of the Country Branch, has resulted in the treatment of a somewhat lesser number, but for a longer average period for each patient. Lack of nurses also has obliged us to keep in use two instead of three operating rooms.

The chief burden in keeping the Hospital in operation in the face of discouraging difficulties in obtaining personnel and supplies, has fallen upon Miss Root and her assistants. The remarkably high level at which the institution has been maintained is a mark of their efficiency and loyalty.

Respectfully submitted,

ALAN DEFOREST SMITH, M.D. Surgeon-in-Chief.

#### Papers Read by the Staff, 1943

- GARBER, C. ZENT. Blood chemistry in diagnosis of orthopaedic conditions. Read at Staff Meeting, New York Orthopaedic Hospital, January 25, 1943.
- Hallock, Halford. Bone and Joint Infection. Read to the Emergency Nursing Service, New York Orthopaedic Hospital Unit, January, 1943.
- Lantzounis, Leonidas A. Complications following removal of ruptured nuclei pulposus. Read at the Section of Orthopaedic Surgery, New York Academy of Medicine, Friday evening, May 21, 1943.
- SMITH, ALAN DEFOREST. Gave one of the refresher courses on "Lame Back" at American Academy of Orthopaedic Surgeons in Chicago, January 17, 18, 19, 20, 1943.
- SMITH, ALAN DEFOREST. The role of spine fusion in the treatment of herniation of the nucleus pulposus. Read at the American Academy of Orthopaedic Surgeons, Chicago, January 20, 1943.
- SMITH, ALAN DEFOREST and DEERY, EDWIN M. End result study of 100-200 cases of herniated nucleus pulposus. Read at the American Orthopaedic Meeting, Cleveland, June 7, 8, 1943.
- SMITH, ALAN DEFOREST. Fractures of the hip, femur and knee joint. Read at the Regional Fracture-Orthopaedic Conference at the Army Air Force Convalescent Center and Station Hospital, Mitchel Field, New York, November 22, 23, 1943.
- Snow, William Benham. Practical application of physical therapy in rehabilitation. Read at the Section of Orthopaedic Surgery, New York Academy of Medicine, Friday evening, November 19, 1943.
- STRASSBURGER, PAUL J. Case presentation, New York Orthopaedic Dispensary and Hospital. Osteodystrophia fibrosa associated with pigmentation of skin. Read at the Section of Orthopaedic Surgery, New York Academy of Medicine, Friday evening, November 19, 1943.

#### Papers Published

- Deery, Edwin M. Herniation of the nucleus pulposus; as a complication of pre-existing low back instability. Surgery, Gynecology and Obstetrics, 77:79-86, July, 1943.
- Howorth, M. Beckett. Evolution of spinal fusion. Ann. Surg., 117: 278-289, February, 1943.
- Howorth, M. Beckett. Tuberculosis of bones and joints. J. Public Health Nursing, March, 1943.

- Howorth, M. Beckett. Fitting your shoes to your feet. Consumers' Research Bulletin, May, 1943, pp. 9-12.
- SMITH, ALAN DEFOREST. Review of "Orthopaedic Subjects, prepared and edited by the Subcommittee on Orthopaedic Surgery of the Committee on Surgery of the Division of Medical Sciences of the National Research Council, Phila., and Lond., Saunders, 1942." Surgery, Gynecology and Obstetrics, 77:442-443, October, 1943.
- Snow, William Benham. Symptoms and diagnosis of anterior poliomyelitis in light of recent developments. Arch. Phys. Therapy, 24:228-231, April, 1943.
- Snow, William Benham. The relation of physical therapy to arthritis. New England J. Med., 229:959-965, December 23, 1943.
- Strassburger, Paul J. (Jervis, George A. and Strassburger, Paul J.)
  Guillain-Barre syndrome ("Infectious polyneuritis") and acute
  anterior poliomyelitis. Am. J. Dis. Child., 65:431-439, March, 1943.

#### Papers Read by the Staff, 1944

- HALLOCK, HALFORD. Arthrodesis of the Ankle Joint for Old Painful Fractures. Read at the American Orthopaedic Association, Hot Springs, Va., June 1, 1944.
- HALLOCK, HALFORD and GARBER, C. ZENT. Neuroma of the Medial Plantar Nerve as a Cause of Metatarsalgia. Read at the Section of Orthopaedic Surgery, New York Academy of Medicine, Friday evening, December 15, 1944.
- INGERSOLL, ROBERT E. Resection of the Elbow for Ankylosis in Rheumatoid Arthritis. Read at the Joint Meeting of the Orthopaedic Surgery Section, New York Academy of Medicine and Orthopaedic Section of the New York State Medical Society at the Hotel Pennsylvania, New York City, May 11, 1944.
- LANTZOUNIS, LEONIDAS A. Correction of Spinal Deformity in Rheumatoid Arthritis by Osteotomy of the Spine. Read at the Joint Meeting of the Section of Orthopaedic Surgery, New York Academy of Medicine and the Orthopaedic Section of the New York State Medical Society, at the Hotel Pennsylvania, New York City, May 11, 1944.
- McCauley, John C., Jr. Extensive Tuberculous Bursitis about the Hip. Read at the Joint Meeting of the Section of Orthopaedic Surgery, New York Academy of Medicine and the Orthopaedic Section of the New York State Medical Society, at the Hotel Pennsylvania, New York City, May 11, 1944.

- McCauley, John C., Jr. Displacement of the Upper Femoral Epiphysis. Read at the Section of Pediatrics, New York Academy of Medicine, Thursday evening, May 11, 1944.
- SMITH, ALAN DEFOREST, DEERY, EDWIN M. and HAGMAN, GEORGE L. Cases of Herniated Nucleus Pulposus. Read at the American Orthopaedic Association, Hot Springs, Va., June 2, 1944.
- SMITH, ALAN DEFOREST. Orthopaedic Conditions in Middle Life, and Their Treatment. Spine. Read at the Adelphi Hospital Staff Society, Wednesday, November 8, 1944.
- NEVILLE, ROBERT J. Case Presentation from the New York Orthopaedic Dispensary and Hospital. A Case of Tuberculosis of the Hip Joint Treated by the Brittain Method of Arthrodesis. Read at the Section of Orthopaedic Surgery, New York Academy of Medicine, Friday evening, November 17, 1944.

#### Papers Published

- Gurewitsch, A. David and O'Neill, Margaret A. Flexibility of Healthy Children. Arch. Physical Therapy, 25:216-221, April, 1944.
- Howorth, M. Beckett. The Art of Sleeping. Consumers' Research Bulletin, February, 1944.
- Howorth, M. Beckett. The Art and Technique of Walking. Consumers' Research Bulletin, March, 1944.
- Howorth, M. Beckett. Biological Aspects of Mountaineering. Trans. New York Academy of Sciences, 6:188-193, April, 1944.
- Howorth, M. Beckett. Posture. Consumers' Research Bulletin, October, 1944.
- SMITH, ALAN DEFOREST, DEERY, EDWIN M. and HAGMAN; GEORGE L. Herniation of the Nucleus Pulposus: a Study of One Hundred Cases Treated by Operation. J. Bone and Joint Surg., 26:821-828, October, 1944.
- Stone, Mario M. (Boyd, Harold B. and Stone, Mario M.) Resection of the Distal End of the Ulna. J. Bone and Joint Surg., 26:313-321, April, 1944.
- THOMPSON, WALTER A. L. and GUREWITSCH, A. DAVID. Poliomyelitis Treated by the Kenny Method. Submitted to the J. Bone and Joint Surg., in June, 1944.

TABLE No. I Summary of New and Old Cases — January 1, 1943 to December 31, 1943

DISEASES OF THE PSYCHOBIOLOGICAL UNIT.							
DISEASES OF THE BODY AS A WHOLE.	1943 DIAGNOSIS	New Cases	4	4-16 Years	Over 16 Years	o ie	Total
REGIONAL DISEASES   108   39   165	DISEASES OF THE PSYCHOBIOLOGICAL UNIT	29	13	3	13	18	47
Diseases of the Integumentary System	Diseases of the Body as a Whole	192	15	<b>7</b> 9	98	68	260
DISEASES OF THE MUSCULO-SKELETAL SYSTEM:   Bones:	REGIONAL DISEASES	126	3	15	108	39	165
Bones:   Prenatal influence   67   18   17   32   71   138     Diseases due to infection   23   71   16   46   69     Diseases due to trauma or physical agents   23   71   16   46   69     Diseases due to trauma or physical agents   23   71   16   40   69     Diseases due to mechanical abnormality of unknown origin   3   2   1   9   12     Diseases due to disorders of metabolism, growth, or nutrition   21   10   2   9   24   45     Diseases due to unknown cause   382   10   108   264   191   573     New growths   24   11   13   16   40     Joints   Prenatal influence   1984   464   947   573   1129   3113     Diseases due to infection   242   3   141   98   265   507     Diseases due to trauma   570   115   50   465   290   816     Diseases due to to disturbances of innervation or of psychic control   520   11   50   465   290   816     Diseases due to to consisting of mechanical abnormality of unknown origin   20   1   16   3   3   23     Diseases due to disorders of metabolism, growth, or nutrition   20   1   16   3   3   23     Diseases due to unknown cause   1707   70   238   1480   690   2487     Bursae   112   111   60   181     Muscles:   1707   70   238   1480   690   2487     Diseases due to infection   3   20   15   4   135   174     Diseases due to infection   3   20   15   4   135   174     Diseases due to tinfection   3   20   20   412   610   1226     Diseases due to tinfection   7   7   7   7   238   188   690   2487     Diseases due to disorders of metabolism, growth, or nutrition   7   7   7   7   7   7   7   7   7	DISEASES OF THE INTEGUMENTARY SYSTEM	293	4	25	264	81	374
Diseases due to infection	Bones: Prenatal influence Diseases due to infection Diseases due to trauma or physical agents. Diseases due to mechanical abnormality of unknown origin. Diseases due to disorders of metabolism, growth, or nutrition. Diseases due to unknown cause. New growths. Joints: Prenatal influence	23 678 3 21 382 24 1984	10 10 10 10	7 52 2 2 108 11	16 616 1 9 264 13	46 233 9 24 191 16	69 911 12 45 573 40 3113
Diseases due to trauma.	Diseases due to infection Diseases due to trauma Diseases due to disturbances of innervation or of psychic control Diseases due to or consisting of mechanical abnormality of un- known origin. Diseases due to disorders of metabolism, growth, or nutrition Diseases due to unknown cause. Bursae. Muscles: Prenatal influence	526 20 29 1797 112	11 2 1 3 70 	16 8 238 1	465  3 18 1489 111	265 290 2 3 2 690 69	816 4 23 31 2487 181 174
DISEASES OF THE CARDIOVASCULAR SYSTEM.       100       100       21       121         DISEASES OF THE HEMIC AND LYMPHATIC SYSTEM.       4       4       4       4         DISEASES OF THE DIGESTIVE SYSTEM.       3       3       3         DISEASES OF THE URO-GENITAL SYSTEM.       2       2       2         DISEASES OF THE NERVOUS SYSTEM.       71       3       9       59       19       90         BONE DONOR.       1       1       1       1       1       1       1       1       1       1       1       1       1       1       2       3       3       3       3       3	Diseases due to disorders of metabolism, growth, or nutrition	186 7 48 141	27 7 2	87 11 43	72  37 96	800 2 12 31	986 9 60 172
DISEASES OF THE HEMIC AND LYMPHATIC SYSTEM.       4       4       4       4       4       4       4       4       4       3       9       59       19       90	DISEASES OF THE RESPIRATORY SYSTEM	4		1	3		4
DISEASES OF THE DIGESTIVE SYSTEM.       3       3       3         DISEASES OF THE URO-GENITAL SYSTEM.       2       2       2         DISEASES OF THE NERVOUS SYSTEM.       71       3       9       59       19       90         BONE DONOR.       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       2       2       2       2       2       2       2       2       2       2       2       2       2       2       2       2       2       2       38       38       5       11       22       38       38       50       1       124       124       NON-DIAGNOSTIC.       109       17       13       79       29       138	DISEASES OF THE CARDIOVASCULAR SYSTEM	100			100	21	121
DISEASES OF THE URO-GENITAL SYSTEM.       2       2       2       2         DISEASES OF THE NERVOUS SYSTEM.       71       3       9       59       19       90         BONE DONOR.       1	DISEASES OF THE HEMIC AND LYMPHATIC SYSTEM	4			4		4
DISEASES OF THE NERVOUS SYSTEM.       71       3       9       59       19       90         BONE DONOR.       1        1        1        1        1        1        1        1        1        1         1         1   <	DISEASES OF THE DIGESTIVE SYSTEM	3			3		3
BONE DONOR       1       1       1       1         SYNDROME.       2       2       2       2         EXAMINATION NONE       38       5       11       22       38         NO ORTHOPAEDIC CONDITION       123       25       48       50       1       124         NON-DIAGNOSTIC       109       17       13       79       29       138	DISEASES OF THE URO-GENITAL SYSTEM	2		• • • •	2		2
SYNDROME.       2        2        2        2        2        2        38       5       11       22        38         No Orthopaedic Condition.       123       25       48       50       1       124         Non-Diagnostic.       109       17       13       79       29       138	DISEASES OF THE NERVOUS SYSTEM	<i>7</i> 1	3	9	59	19	90
EXAMINATION NONE.       38       5       11       22       38         NO ORTHOPAEDIC CONDITION.       123       25       48       50       1       124         Non-Diagnostic.       109       17       13       79       29       138	Bone Donor	1			1		11
No Orthopaedic Condition.       123       25       48       50       1       124         Non-Diagnostic.       109       17       13       79       29       138	Syndrome	2			2		2
Non-Diagnostic. 109 17 13 79 29 138	Examination None	38	5	11	22		38
	No Orthopaedic Condition	123	25	48	50	1	124
Total	Non-Diagnostic	109	17	13	79	29	138
	Тотац	8144	745	2185	5214	4930	13074

TABLE No. I Summary of New and Old Cases — January 1, 1944 to December 31, 1944

1944 DIAGNOSIS	New Cases	Under 4 Years	4-16 Years	Over 16 Years	Former Patients Returning to Disp.	Total
DISEASES OF THE PSYCHOBIOLOGICAL UNIT	26		22	4	8	34
DISEASES OF THE BODY AS A WHOLE	104	11	44	49	80	184
REGIONAL DISEASES	94	6	3	85	48	142
DISEASES OF THE INTEGUMENTARY SYSTEM	292	6	24	262	118	410
DISEASES OF THE MUSCULO-SKELETAL SYSTEM: Bones: Prenatal influence Diseases due to infection Trauma or physical agents. Mechanical abnormality of unknown origin Disorders of metabolism, or nutrition New growths Diseases due to unknown cause. Joints:	95 64 331 21 22 10 292	28 1 13 1 11	29 15 49 10 2 2 123	38 48 269 10 9 8 169	71 33 147 1 20 10 272	166 97 478 22 42 20 564
Prenatal influence Diseases due to infection. Trauma or physical agents. Disturbance of innervation Mechanical abnormality of unknown origin. Disorders of metabolism, or nutrition Diseases due to unknown cause. Bursae. Muscles:	2086 196 558 18 32 11 2089 114	490 1 7 6  3 70	513 13 55 4 306	1083 182 496 12 28 8 1713 114	1447 175 251 2 5  823 42	3533 371 809 20 37 11 2912 156
Prenatal influence Diseases due to infection. Trauma or physical agents. Disturbance of innervation Disorders of metabolism, or nutrition. New growths. Diseases due to unknown cause. Tendons and fascia	27 14 461 197 5 1 63 189	55 4	20 58 88 1 9	7 403 54 1 54 182	49 2 523 557  4 35	76 16 984 754 5 1 67 224
DISEASES OF THE RESPIRATORY SYSTEM	2			2		2
DISEASES OF THE CARDIOVASCULAR SYSTEM	94			94	22	116
DISEASES OF THE HEMIC AND LYMPHATIC SYSTEM	10			10		10
DISEASES OF THE DIGESTIVE SYSTEM	2	• • • •		2		2
DISEASES OF THE URO-GENITAL SYSTEM	1		1			1
DISEASES OF THE NERVOUS SYSTEM	99	9	3	8 <i>7</i>	33	132
SYNDROME	2			2	2	4
Examination None	24	5	11	8	• • • •	24
No Orthopaedic Condition.	38	17	13	8	23	61
Non-Diagnostic	201	21	35	145	17	218
Total	7005	71.5	1410	50.51	4000	10505
TOTAL	7885	765	1469	5651	4820	12705

#### TABLE No. II

#### Dispensary Report

#### January 1, 1943 to December 31, 1943

Number of New Cases Treated in Dispensary	8,144
Number of Revisits to Dispensary Surgeons	23,831
Number of Visits to Club-Foot Clinic	1,567
Number of Visits to Fracture Clinic	110
Number of Visits to Neurological Clinic.	<b>39</b> 8
Number of Visits to Scoliosis Clinic	1,359
Total Visits	35,409

#### TABLE No. II

#### Dispensary Report

## January 1, 1944 to December 31, 1944

Number of New Cases Treated in Dispensary	7,885
Number of Revisits to Dispensary Surgeons	21,866
Number of Visits to Club-Foot Clinic	1,771
Number of Visits to Neurological Clinic	400
Number of Visits to Scoliosis Clinic	1,250
Total Visits	33,172

#### TABLE No. III

## Physical Therapy Department Report from January 1, 1943 to December 31, 1943

Number of Visits	27,344
Number of Treatments.	58,415
Thermotherapy	11,657
Underwater Exercises	296
Massage	21,086
Corrective Exercises and Passive	17,607
Ultra Violet	150
Galvanic-Faradic Sinusoidal	364

#### TABLE No. III

## Physical Therapy Department Report from January 1, 1944 to December 31, 1944

Number of Visits	25,884
Number of Treatments	55,021
Thermotherapy	9,869
Underwater Exercises	334
Massage	19,299
Corrective Exercises and Passive	17,436
Ultra Violet	166
Galvanic-Faradic Sinusoidal	251

## TABLE No. IV

## Hospital Report — January 1, 1943 to December 31, 1943

Diseases of the Body as a Whole:	
Regional Diseases:	
Diseases due to prenatal influence	1
Diseases due to infection	5
Diseases due to trauma	1
Diseases due to or consisting of mechanical abnormality of unknown origin	9
New growths	6
DISEASES OF THE MUSCULO-SKELETAL SYSTEM:	
Bones:	
Diseases due to prenatal influence	24
Diseases due to infection	7
Diseases due to trauma	94
Diseases due to mechanical abnormality of unknown origin	6
Diseases due to disorders of metabolism, growth, or nutrition	2
New growths	14
Diseases due to unknown cause	34
Joints:	
Diseases due to prenatal influence	160
Diseases due to infection	130
Diseases due to trauma	29
Diseases due to unknown cause with manifest structural reaction	311
Bursae	20
Muscles:	
Diseases due to prenatal influence	40
Diseases due to trauma	3
Diseases due to disturbance of innervation or psychic control	131
Diseases due to unknown cause	3
Tendons and Fascia	14
DISEASES OF THE NERVOUS SYSTEM	2
BONE DONOR	1
Total	1.047

#### TABLE No. IV

## Hospital Report — January 1, 1944 to December 31, 1944

Diseases of the Body as a Whole and Integumentary System:	
Due to prenatal influence	4
Due to infection	7
Due to trauma	6
Due to mechanical abnormality of unknown origin	11
New growths	11
Diseases of Musculo-Skeletal System: Bones:	
Due to prenatal influence	22
Due to infection	31
Due to trauma	112
Due to mechanical abnormality of unknown origin	17
Due to disorders of metabolism, growth or nutrition	6
New growths  Due to unknown cause with manifest structural reaction	8
	40
Joints, Cartilages, Ligaments:	
Due to prenatal influence	242
Due to infection	63
Due to trauma	73
Due to disturbance of innervation or psychic control	26
Due to mechanical abnormality of unknown origin	2
Due to disorders of metabolism, growth or nutrition	2
Due to unknown cause with manifest structural reaction  New growths	231
	2
Bursae:	
Due to trauma	9
Muscles:	
Due to prenatal influence	33
Due to trauma	8
Due to disturbance of innervation or psychic control	130
Due to unknown cause	2
Tendons and Fascia	26
Diseases of the Nervous System	11
Diseases of the Digestive System	1
Total	1,136

#### TABLE No. V

## Report of Operations, January 1, 1943 to December 31, 1943, Inclusive

REGIONS AND INTEGUMENTARY SYSTEM   Amputation.	Excision of Neoplasm.
Bones	Muser pe
Biopsy	Muscles   Lengthening
Drilling	Bursae
Excision	Aspiration 2
Excision, Partial	Excision
Excision of Neoplasm	Injection of Medicament
Excision of Osteophytes	Irrigation
Hemilaminectomy	Needling 6
Insertion of Cup, Nail, Pin, Plate, Screw	TENDONS AND FASCIA
or Wire	Excision of Fascia 4
Ostectomy, Partial	Excision of Tendon Sheath
Ustectomy	Exploration of Tendon
Reduction of Fracture, Closed	Fasciotomy
Removal of Bone Chips, Graft, Key or	Incision of Tendon Sheath
Plate	Lengthening of Tendon
Removal of Loose Bone Fragment 8	Removal of Calcification of Tendon 5
Removal of Nail, Plate or Wire 12	Repair of Tendon
Removal of Overgrowth of Bone 1 Repair of Dislocation with Fascia 1	Tenosynovectomy
Repair of Non-Union of Fracture with	Tenotomy
Bone Chips or Grafts 4	Transplantation of Tendon
Bone Chips or Grafts	Nervous System
Resection 102	Injection of Medicament
Saucerization	Neurectomy 10 Resection 1
Sesamoidectomy 5	Repair
Transplantation	Suture
JOINTS AND LIGAMENTS	
Arthrodesis	Miscellaneous
Arthroplasty	Injection of Medicament
Division of Adhesions	Tonsillectomy 1
Division of Fibers	Transfusion, Direct
Excision of Fat Pad	Total1900

## TABLE No. V

## Report of Operations, January 1, 1944 to December 31, 1944, Inclusive

REGIONS AND INTEGUMENTARY SYSTEM   Amputation.	Aspiration. 5 Division of Fibers 4 Excision of Menisci 46 Exploration. 14 Fusion. 219 Manipulation. 15 Plication. 2 Plastic Correction for Hallux Valgus. 4 Reduction of Dislocation, Closed. 10 Reduction of Dislocation, Closed. 10 Reduction of Dislocation, Closed. 20 Removal of Herniated Nucleus Pulposus Removal of Herniated Nucleus Pulposus Removal of Hypertrophied Ligamentum Flavum. 4 Removal of Loose Body. 19 Repair of Pseudarthrosis. 13 Stabilization. 2
Removal of Foreign Body 2 Secondary Suture 1	Muscles
Skin Graft	1njection of Medicament 5 Myotomy, Sternomastoid 28 Repair of Rupture 1
Biodsy	repair of respection
Coccygectomy 9 Curettage of Bone and Packing of Cavity with Bone Chips 2 Debridement of Wound 7 Division of Graft 2 Drainage 7 Drilling 24	Bursae   Aspiration.
Excision. 17 Excision, Partial	TENDONS AND FASCIA
Excision, Phemister.	Division
Removal of Nail, Plate or Wire	Excision of Neoplasm
Resection	Neurotion of Medicalifett 30 Neurolysis 30 Neurolysis 1 Resection 1
Joints and Ligaments	Transfusion, Direct
Arthrodesis	Total1869

TABLE No. VI

Pathological Laboratory Report of Examinations

Made from January 1, 1943 to December 31, 1943

EXAMINATIONS	Hospital	Private Pavilion	Dispensary	Country Branch
BLOOD EXAMINATIONS: Chemical. Hematological. Serological.	294 5,221 767	116 908 90	154 3,945 1,646	2
Basal Metabolism Test	11	2	8	
Cultures	187	29	51	
Gastric Analysis		2	1	
GUINEA PIG INOCULATION FOR TUBERCULOSIS	36			
Mantoux Test	29	3	183	
SMEAR EXAMINATIONS, BACTERIOLOGICAL	142	13	64	
Spinal Fluid Examinations	178		29	
Stool Examinations	8			
Tissue Examinations	254	60	3	
Autopsy	2			
Urine Examinations	2,269	585	149	
Vaccines, Autogenous		4		
Totals	9,398	1,812	6,233	2 .

TABLE No. VI

Pathological Laboratory Report of Examinations
Made from January 1, 1944 to December 31, 1944

EXAMINATIONS	Hospital	Private Pavilion	Dispensary
Blood Examinations: Chemical. Hematological. Serological.	202 4,456 269	69 516 17	104 4,436 1,540
Basal Metabolism Test	5	5	1
Cultures	116	18	26
Gastric Analysis	3		
GUINEA PIG INOCULATION	19		5
Mantoux Test	22	4	79
Smear Examinations, Bacteriological	145	96	15
Spinal Fluid Examinations	94	9	2
Stool Examinations	11		
Tissue Examinations	199	32	1
Autopsy	1		
Urine Examinations	2,450	109	90
Totals	7,992	875	6,299

Total Tests 15,166

Examinations by New York City Department of Health: 39.

#### TABLE No. VII

## Department of Roentgenology—Dispensary and Hospital Report from January 1, 1943 to December 31, 1943

Number of Patients Roentgenographed	8,706
Number of Roentgenograms Made	21,642
Number of Dental Films Made	736
Number of Patients Photographed	221
Number of Roentgen Therapy Treatments	484

#### TABLE No. VII

## Department of Roentgenology—Dispensary and Hospital Report from January 1, 1944 to December 31, 1944

Number of Patients Roentgenographed	8,502
Number of Roentgenograms Made	21,316
Number of Dental Films Made	336
Number of Patients Photographed	355
Number of Roentgen Therapy Treatments	462
Number of Dental Films Made  Number of Patients Photographed  Number of Roentgen Therapy Treatments	355

#### TABLE No. VIII

## Dental Department, Dispensary and Hospital Report from January 1, 1943 to December 31, 1943

Number of Visits.	1,597
Number of Examinations.	676
Number of Extractions	177
Number of Treatments	44
Number of Fillings.	851
Number of Prophylactic Treatments.	443

#### TABLE No. VIII

## Dental Department, Dispensary and Hospital Report from January 1, 1944 to December 31, 1944

Number of Visits	299
Number of Examinations	190
Number of Extractions	10
Number of Treatments	11
Number of Fillings.	65

#### TABLE No. IX

#### Report of the Brace Shop

#### January 1, 1943 to December 31, 1943

Braces and Appliances Made:	
Spinal Braces	133
Arm Braces	8
Belts	294
Ankle Braces	52
Leg Braces	70
Insoles, Single	1,583
Miscellaneous	114
Total	2,254
Braces and Appliances Repaired	2,448
TABLE No. IX	
Report of the Brace Shop	
January 1, 1944 to December 31, 1944	
January 1, 1944 to December 31, 1944	
Graces and Appliances Made:	
Spinal Braces	168
Arm Braces	7
Belts	225
Ankle Braces	86
Leg Braces	62
Leg Braces	62 1,629
Insoles, Single	1,629
Insoles, Single	1,629

#### REPORT OF THE SUPERINTENDENT

To the Board of Trustees, New York Orthopaedic Dispensary and Hospital

#### GENTLEMEN:

This report covers two years of the Hospital's work, the seventy-sixth and seventy-seventh years of its existence. These war years in which we are working tax our facilities greatly, and the shortage and changing of staff and employees in all the departments add very much to the burden of running the Hospital.

In May, 1943, the Country Branch of the Hospital at White Plains was closed. A great many factors entered into the decision to close this Branch at this time but the war played the greatest part.

Each department has operated very satisfactorily in spite of the trying conditions, and great credit is due to the department heads.

Below you will find the figures showing the work done in the Hospital and Dispensary:

Number of patients treated in the Dispensary	1943 13,074	<i>1944</i> 12,738
Number of visits made to the Dispensary Surgeons	39,345	37,122
Number of patients treated in the Hospital:  Wards  Private Pavilion  Semi-Private	896 157 <b>1</b> 01	862 244 137
Number of patient days:  Wards  Private Pavilion.  Semi-Private.	34,294 3,868 2,636	36,150 5,614 4,274

Average stay per patient:  Wards  Private Pavilion  Semi-Private	1943 42 days 26 days 27 days	1944 46 days 24 days 33 days
Number of operations performed:		
Wards and Clinic. Private Pavilion. Semi-Private.	1,516 182 202	1,406 246 217
Total number of pathological examinations in the Laboratory	18,323	18,232
Total number of X-rays taken	21,642	21,316
Total number of Physical Therapy treatments	58,415	55,021
Total number of Instruments Made	2,244	2,301

Reference to the statistical tables will show the detailed work in the departments. The ward per capita cost for 1943 was \$6.10 and for 1944 was \$6.43. I refer to the Treasurer's report for the financial statement of the Hospital.

Volunteers have been of tremendous help during the past two years and without their aid I doubt if we could have carried on as well. At the present time over sixty volunteers are giving time in the various departments. These volunteers are all willing and intelligent men and women who not only work hard but do a great deal in lifting the morale of the patients. The contributors have been generous and their financial support means a great deal to the Hospital.

Each year it is my privilege to thank the Board of Trustees and the Board of Supervisors for their continued support, and I wish to express my appreciation to the Junior Guild and to the Red Cross Unit for all they have done for the Hospital. I also wish to thank the Attending Staff, the Department Heads and the entire Personnel for their loyalty and cooperation during these past two years.

Respectfully submitted,

THEODORA S. ROOT,
Superintendent.

#### Balance Sheet, December 31, 1943 (On Basis of Cash Receipts and Disbursements)

ASSETS		
Endowment and Other Nonexpendable Funds Assets (consolidated):		
Bonds and stocks (approximate amount at market quotations, \$3,735,000)  Real estate mortgages and mortgage participation at face amounts or cost, if less, including past due and open items and those on which interest is in arrears		\$ 3,692,929.86
		-, ,,-,-,-,
Real estate (no allowance for depreciation): In vicinity of City Dispensary and Hospital Other	\$ 413,703.27 960,403.78	1,374,107.05
Cash awaiting investment		111,916.32
Total endowment and other nonexpendable funds assets		6,393,849.79
PLANT:		
Land, buildings and equipment, at book amounts (no allowance for depreciation):		
City Dispensary and Hospital.  Country Branch	2,311,289.00 1,124,965.61	3,436,254.61
Current Funds Assets:		
Bonds (approximate amount at market quotations, \$794,000) Advance for petty cash	737,503.02 1,000.00 20,041.72	
Total current funds assets		758,544.74

Total assets	\$10,588,649.14

### BALANCE SHEET, DECEMBER 31, 1943 (On Basis of Cash Receipts and Disbursements)

#### FUNDS AND LIABILITIES DOWMENT AND OTHER NONEXPENDABLE FUNDS (consolidated): Beds and rooms endowed in perpetuity (income used for hospital expenses)..... 598,842.80 Endowment funds: Unrestricted as to use of income: City Dispensary and Hospital.....\$ 879,596.03 Country Branch: Other.... 40,300.00 2,085,603.06 Restricted as to use of income: Annie C. Kane fellowship fund..... 1,000,000.00 Statira Bridgman fund..... 2,500.00 1,002,500.00 3,967,699.09 Unrestricted funds functioning as endowment: Legacy under Will of Caroline A. James..... 1,102,256.62 Other 725,051.28 1,827,307.90 Total endowment and other nonexpendable funds...... 6,393,849.79 APITAL INVESTED IN PLANT.... 3,436,254.61 URRENT FUNDS AND LIABILITIES: Restricted expendable funds: Annie C. Kane fellowships for surgeons..... 233,880.74 Research fund 54,797.44 Special gift accounts.... 1,854.53 Statira Bridgman fund..... 164.02 Reserve for Women's Auxiliary..... 1,000.00 291,696.73 General: Liabilities: Amounts withheld from employees..... 3,053.39 Deposits on leases..... 475.00 3,528.39 Surplus: Appropriated: Reserve for plant betterments..... 377,518.70 Patients' relief fund..... 1,325.81 378,844.51 Unappropriated, per statement attached... 84,475.11 463,319.62 Total current funds and liabilities..... 758,544.74 Total funds and liabilities..... \$10,588,649.14

### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL ALONZO POTTER, Treasurer

# STATEMENT OF INCOME AND UNAPPROPRIATED CURRENT FUNDS' SURPLUS FOR YEAR ENDED DECEMBER 31, 1943 (On Basis of Cash Receipts and Disbursements)

Investment securities and rented properties	\$189,617.55
Patients' board, professional care, etc City aid Donations and subscriptions. Special contributions Free beds annually endowed. Special nurses' board. Miscellaneous.	262,985.46 62,770.95 84,789.27 3,850.00 1,050.00 1,182.00 3,472.11
Total income	609,717.34
Expenses:  Professional care of patients	
Annie C. Kane fellowships for surgeons	
208,816.60   Household and property.   184,743.80   Administrative.   73,366.95	
Total expenses	466,927.35
Net income for year 1943	142,789.99
Appropriations of Income:  Endowment funds, unrestricted as to use of income (Emily A.  Watson fund)	75,804.88
Net income after appropriations	66,985.11 18,741.08
Loss on Sales of Current Funds' Investments in 1943	85,726.19 1,251.08
Unappropriated current funds' surplus, December 31, 1943	\$ 84,475.11

#### ACCOUNTANTS' REPORT FOR 1943

New York Orthopaedic Dispensary and Hospital, New York, New York.

We have made an examination of the balance sheet of the New York Orthopaedic Dispensary and Hospital as of December 31, 1943, and of the related statement of income and unappropriated current funds' surplus for the fiscal year then ended. These statements were prepared from the accounts kept by the custodian, Central Hanover Bank and Trust Company, on the basis of cash receipts and disbursements.

In connection with such examination, we examined or tested accounting records maintained for the institution by the custodian, and other supporting evidence, and obtained information and explanations from officers and employees of the custodian; we also made a general review of the operating and income accounts shown on the said accounting records for the year, but we did not make an audit of the transactions or of the accounting records maintained at the City Dispensary and Hospital and the Country Branch except to substantiate the remittances by the institution to the custodian and the remittances from the custodian to the institution as recorded by the custodian, and to account for the advance for petty cash shown on the books kept by the custodian. Our examination of the income from patients, city aid, contributions and other sources, remitted to the custodian was limited to comparison of the total amounts recorded by the custodian with the related amounts shown on the books kept at the City Dispensary and Hospital and the Country Branch.

The investments shown on the books at December 31, 1943 were in agreement with those shown on certified lists submitted to us by the Central Hanover Bank and Trust Company. The real estate mortgages and mortgage participation, including past due and open items and those on which interest is in arrears, are shown in the accompanying balance sheet at face amounts or at cost, if less, as market quotations are not available. As heretofore, we did not request confirmation of the balances of the outstanding mortgages or interest in arrears thereon by means of correspondence with the mortgagors.

In accordance with the adopted policy, no allowance was made for depreciation of buildings and equipment. No charges were made for additions to plant during 1943; minor additions were charged to the reserve for plant betterments or to operating expenses.

In our opinion, based upon the examination described in the foregoing paragraphs and subject to the foregoing explanations, the accompanying balance sheet and related statement of income and unappropriated current funds' surplus present fairly the position of the New York Orthopaedic Dispensary and Hospital at December 31, 1943, and the results of its operations for the year 1943 on the basis of cash receipts and disbursements.

Lybrand, Ross Bros. & Montgomery.

New York, June 9, 1944.

#### BALANCE SHEET AS AT DECEMBER 31, 1944

(on basis of cash receipts and disbursements)

ASSETS		
Endowment and Other Nonexpendable Funds Assets (consolidated):		
Bonds and stocks (approximate amount at market quotations, \$4,255,000)		\$ 4,006,185.75
those on which interest is in arrears		1,192,753.47
In vicinity of City Dispensary and Hospital Other	\$ 388,881.07 826,371.90	1,215,252.97
Cash awaiting investment		44,297.43
Total endowment and other nonexpendable funds assets.		6,458,489.62
PLANT:		
Land, buildings and equipment, at book amounts (no allowance for depreciation):		
City Dispensary and Hospital	2,311,289.00 1,124,965.61	3,436,254.61
Current Funds Assets:		
Bonds (approximate amount at market quotations, \$825,000) Advance for petty cash	784,944.13 1,000.00 36,781.16	
Total current funds assets		822,725.29

Total assets	\$10,717,469.52

#### BALANCE SHEET AS AT DECEMBER 31, 1944

(on basis of cash receipts and disbursements)

FUNDS AND LIABILITIES		
ENDOWMENT AND OTHER NONEXPENDABLE FUNDS (consolidated):  Beds and rooms endowed in perpetuity (income used for hospital expenses)		\$ 598,842.80
Endowment funds: Unrestricted as to use of income: City Dispensary and Hospital	\$ 879,596.03	
Country Branch:  Emily A. Watson fund	2,146,957.56	
Restricted as to use of income:  Annie C. Kane fellowship fund	1,002,500.00	4,029,053.59
Unrestricted funds functioning as endowment:  Legacy under Will of Caroline A. James	1,102,256.62 728,336.61	1,830,593.23
Total endowment and other nonexpendable funds		6,458,489.62
Capital Invested in Plant.		3,436,254.61
Current Funds and Liabilities:  Restricted expendable funds:  Annie C. Kane fellowships for surgeons.  Research fund.  Special gift accounts.  Statira Bridgman fund.	248,810.82 53,220.21 2,963.49 246.66	
General:	305,241.18	
Liabilities: Amounts withheld from employees	3,864.11	
Surplus: Appropriated: Reserve for plant betterments		
Unappropriated, per statement attached 411,544.28 102,075.72  Total current funds and liabilities	513,620.00	922 725 20
		822,725.29
Total funds and liabilities		\$10,717,469.52

#### ALONZO POTTER, TREASURER

STATEMENT OF INCOME AND UNAPPROPRIATED CURRENT FUNDS' SURPLUS FOR YEAR ENDED DECEMBER 31, 1944

(on basis of cash receipts and disbursements)

INCOME:		
Investment securities and rented properties  Less, Amount apportioned to restricted expendable funds	\$228,315.24 33,143.70	\$195,171.54
Patients' board, professional care, etc., including city aid  Donations and subscriptions  Special contributions  Free beds annually endowed  Special nurses' board  Miscellaneous		360,965.95 70,092.96 3,650.00 700.00 2,666.25 4,301.17
Total income	_	637,547.87
Expenses:		
Professional care of patientsLess, Amount allocated from restricted expendable fund,	225,236.46	
Annie C. Kane fellowships for surgeons	6,000.00	
Household and property	219,236.46 175,839.07 66,309.35	
Total expenses		461,384.88
Net income for year 1944		176,162.99
Appropriations of Income:  Reduction in book amounts of real estate not used for hospital _ purposes	77,569.34	
Endowment funds, unrestricted as to use of income (Emily A. Watson fund)	61,354.50	
Reserve for plant betterments	36,441.77	175,365.61
Net income after appropriations		797.38
Unappropriated Current Funds' Surplus, December 31, 1943.		84,475.11
		85,272.49
Profit on Sales of Current Funds' Investments in 1944		16,803.23
Unappropriated current funds' surplus, December 31, 1944		\$102,075.72
[AZ]		

#### ACCOUNTANTS' REPORT

New York Orthopaedic Dispensary and Hospital, New York, New York.

We have made an examination of the accompanying balance sheet of the New York Orthopaedic Dispensary and Hospital as of December 31, 1944, and of the related statement of income and unappropriated current funds' surplus for the fiscal year then ended. These statements were prepared from the accounts kept by the custodian, Central Hanover Bank and Trust Company,

on the basis of cash receipts and disbursements.

In connection with such examination, we examined or tested accounting records maintained for the institution by the custodian and other supporting evidence, and obtained information and explanations from officers and employees of the custodian; we also made a general review of the operating and income accounts shown on the said accounting records for the year, but we did not make an audit of the transactions or of the accounting records maintained at the City Dispensary and Hospital, except to substantiate the remittances by the institution to the custodian and the remittances from the custodian to the institution as recorded by the custodian, and to account for the advance for petty cash shown on the books kept by the custodian. Our examination of the income from patients, city aid, contributions and other sources, remitted to the custodian was limited to comparison of the total amounts recorded by the custodian with the related amounts shown on the books kept at the City Dispensary and Hospital.

The investments in bonds, stocks, mortgages and real estate, shown on the books at December 31, 1944, were in agreement with those shown on certified lists submitted to us by the Central Hanover Bank and Trust Company. The real estate mortgages and mortgage participations, including past due and open items and those on which interest is in arrears, are shown in the accompanying balance sheet at face amounts or at cost, if less. The realizable amounts of the mortgages, etc., are not determinable at this time and market quotations are not available. As heretofore, we did not request confirmation of the balances of the outstanding mortgages or interest in arrears thereon by

means of correspondence with the mortgagors.

In accordance with the adopted policy, no allowance was made for depreciation of plant assets. No charges were made for additions to plant during 1944; minor additions were charged to the reserve for plant betterments or

to operating expenses.

In our opinion, based upon the examination described in the foregoing paragraphs and subject to the foregoing explanations, the accompanying balance sheet and related statement of income and unappropriated current funds' surplus present fairly the position of the New York Orthopaedic Dispensary and Hospital at December 31, 1944, and the results of its operations for the year 1944 on the basis of cash receipts and disbursements.

Lybrand, Ross Bros. & Montgomery.

New York, May 15, 1945.

#### ENDOWED BEDS

#### In Perpetuity

- 1883. By Miss C. B. Hicks, continued in perpetuity by Buchanan Winthrop.
- 1886. By Mrs. Elizabeth Milbank Anderson, four beds. In Memory of J. Milbank Anderson.
- 1891. By Alfred Corning Clark, three beds.
- 1891. By Edward Severin Clark, two beds, to be known as the "Edward Severin Clark Beds."
- 1891. By Mrs. Henry S. Winthrop.
- 1893. By Mrs. William D. Sloane. In Memory of William Douglas Sloane, Jr.
- 1893. By James K. Gracie. In Memory of Anna Bulloch Gracie.
- 1893. By Miss Sarah B. Gibbs.
- 1894. By Mrs. Richard Tylden Auchmuty, two beds. In Memory of Richard Tylden Auchmuty.
- 1894. By James H. Jones.
- 1896. By Mrs. William Astor. In Memory of Helen Roosevelt.
- 1896. By Mrs. Evan T. Walker. In Memory of John J. Walker.
- 1897. By Mrs. William D. Sloane, two beds, one bed in Memory of Maria Louise Vanderbilt and one in Memory of Emilie Vanderbilt Burden.
- 1898. By Mrs. Charles B. Alexander, for her Daughter, named the Harriet Alexander Bed.
- 1901. By Mrs. N. A. Baldwin. In Memory of Louise Suydam Duer.
- 1901. By Mrs. Benjamin Brewster. In Memory of Benjamin Brewster.
- 1901. By Henry T. Sloane, Jessie and Emily Sloane, bed endowed by their Father.
- 1901. By Mrs. Marion Story. In Memory of M. Furman Hunt.
- 1902. By James Henry Smith, two beds. In Memory of George Smith.
- 1902. By Miss Emily A. Watson. In Memory of Mrs. Mary J. Walker.
- 1904. By Miss Cornelia Prime. In Memory of her Brother, Temple Prime.
- 1904. By Miss Helen Phipps.
- 1904. By James K. Gracie. In Memory of Esther Gracie Ogden.
- 1906. By Miss Caroline White.
- 1906. By Mrs. M. Dwight Collier. In Memory of Maurice Dwight Collier.
- 1908. By Mrs. H. N. Munn, Mrs. Augusta Munn Tilney and Orson D. Munn. In Memory of Henry Norcross Munn.
- 1911. By Everetta C. Whitney estate.

- 1911. By Miss Josephine C. Smith. In Memory of her Father, Dr. Edward A. Smith, and her Mother, Rebecca Miller Smith.
- 1913. By Estate of Marion de Forest Clark. In Memory of Julian Bouton Clark.
- 1913. By an anonymous donor, to be known as "Mary Townsend Cuyler Bed."
- 1913. By Carolina F. Butterfield. In Memory of Frederick Falconer Butterfield.
- 1915. By Miss Emily Trevor.
- 1915. By Mrs. Frederick W. Vanderbilt, to be known as "The Louise Bed."
- 1915. By George Grant Mason, two beds. In Memory of his Uncle, James Henry Smith.
- 1916. By Henry M. Tilford. In Memory of Catharine Hunt Tilford.
- 1916. By estate of Miss Clementine Furniss, to be known as the ''Clementine Furniss Bed.''
- 1916. By an anonymous donor.
- 1917. By Mrs. Charles H. Senff. In Memory of her little Son, Henry Senff.
- 1917. By Mrs. A. Murray Young. In Memory of her Great Uncle, Wilson G. Hunt.
- 1919. By R. Fulton Cutting, to be known as the "Helen Suydam Cutting Bed."
- 1919. By Mrs. Frederick Delano Hitch.
- 1919. By Levi P. Morton. In Memory of Anna Livingston Morton.
- 1919. By Miss Georgiana G. R. Wendel, two beds. "In Memory of her Sister, Augusta A. S. Wendel."
- 1919. By various donors. Bed in Memory of Theodore Roosevelt, former President of the United States.
- 1920. By Mrs. John Hobart Warren.
- 1921. By Mrs. Winthrop W. Aldrich. In Memory of her little Son, Winthrop Williams Aldrich, Jr.
- 1921. By F. Ambrose Clark, to be known as "The Florence L. Clark Bed."
- 1922. By Mrs. David T. Dana. In Memory of her Mother, Mrs. M. Dwight Collier.
- 1924. By Charlotte Bruce Bickmore estate. In Memory of Albert Smith Bickmore, Ir.
- 1924. By Mrs. Louise Ward McAllister Lewis. In Memory of her Mother.
- 1925. By Miss Elizabeth J. Hofer, two beds. In Memory of Horatio C. Kretchmar.
- 1925. By Percy Chubb. In Memory of his Wife.

- 1925. By Junior Red Cross of the Public Schools of New York.
- 1925. By Mrs. Douglas Robinson. In Memory of her Friend, Charles Allen Munn.
- 1926. By Junior Red Cross of the Public Schools of New York.
- 1927. By Darrach Home.
- 1928. By Mrs. Mary L. Schoonmaker, ten beds. In Memory of Sylvanus Lothrop Schoonmaker and Frank Layng Schoonmaker.
- 1928. By estate of Henry D. Dickinson. In Memory of Hathaway M. Dickinson.
- 1930. By James T. and Sarah Bancroft Leavitt, to be known as the "Mrs. James T. Leavitt Bed."
- 1934. By Henry C. deRham, Frederic F. deRham and Clarisse deRham Rutherfurd. In Memory of their Parents, Charles and Emily Howe deRham.
- 1935. By Mrs. Percy R. Pyne and Family. In Memory of Meredith Howland Pyne.
- 1936. By Miss Elizabeth Stewart Hamilton. In Memory of Mrs. John Hobart Warren, to be known as the "Harriette Mott Warren Bed."
- 1936. By Mrs. Edward S. Harkness. "Dorcas House Bed." In Dear Memory of Wilma Gideon.
- 1938. By Miss Grace Howard Potter. In Memory of Howard and Mary Louisa Potter.

#### **ENDOWED ROOMS**

#### In Perpetuity

- 1922. By Glenn Ford McKinney, a Ward Room in the Country Branch.
  In Memory of his Wife, Jean Webster McKinney.
- 1929. By 400 of his Friends and Associates, a Room in the Private
  Pavilion. In Memory of H. Le Roy von Lackum, M.D.,
  Surgeon in this Hospital, 1916-1928.

#### BEDS ENDOWED YEARLY

By the Junior Guild of the New York Orthopaedic Dispensary and Hospital.

By Mrs. Stanley Mortimer. In Memory of Anna Hall Roosevelt.

By Mr. and Mrs. Arnold Whitridge.

#### ANNUAL REPORTS

#### ORTHOPAEDIC HOSPITAL RED CROSS UNIT

#### January 1, 1943 to December 31, 1943

Days open	20
Average Attendance per day	8
TOTAL PRODUCTION	
Surgical Dressings.	26,602
January 1, 1944 to December 31, 1944	
January 1, 1944 to December 31, 1944	
	27
Days open	27
	27
Days open	27

Respectfully submitted,

LETITIA H. HIGGINS,

Chairman.

## ANNUAL REPORTS For the Years 1943–1944

of the

#### JUNIOR GUILD

of the

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

Officers

President

MISS ALINE KATE FOX

Vice-President

Mrs. FRANCIS C. HUNTINGTON

Secretary
Mrs. WALTER KOBBÉ

Treasurer
Mrs. JAMES D. REMSEN

### MEMBERS OF THE JUNIOR GUILD

1943 - 1944

MRS. LE GRAND BENEDICT MRS. CARLETON MACY

Miss MARGARET DEW. BENEDICT Miss MATHILDE MOURRAILLE

Mrs. JOHN W. EDMONDS Mrs. LAWRENCE B. RAND

Miss ALINE KATE FOX Mrs. JAMES D. REMSEN

Mrs. JOHN M. HOWELLS Mrs. BENJAMIN DE WITT RIEGEL

MRS. FRANCIS C. HUNTINGTON MISS FRANCES A. STIGER

Mrs. WALTER KOBBÉ Mrs. CLARENCE B. STURGES

MRS. EFFINGHAM LAWRENCE MRS. DAVID H. TAYLOR
MRS. BARENT LEFFERTS MISS ESTHER WATERMAN

MRS. JULIAN VAN NESS WHIPPLE

#### REPORT OF THE JUNIOR GUILD

The work of the Junior Guild has been the same during the past year.

Our meetings are held at the Hospital on the first Wednesday of every month from November to May.

We maintain a bed in the children's wards, and supply clothing used in the wards. We make a payment toward the salary of a visiting nurse of the Social Service Department of the Hospital, and give her a monthly sum to be used to buy milk and eggs, and sometimes clothing and orthopaedic shoes, for children before or after hospitalization.

At Easter we send ice cream to the three children's wards, and at Christmas we fill white cotton stockings with toys for each child in the wards. These stockings are afterwards used for the children while they are in the hospital.

The funds for our various activities are raised through dues, donations and our yearly appeals.

Respectfully submitted,

FLORENCE S. KOBBÉ,

Secretary.

## REPORT OF THE JUNIOR GUILD From January 1, 1943 to December 31, 1943

RECEIPTS		EXPENDITURES	
Balance January 1, 1943 Dues and Donations	\$2,119.86 3,361.49	Towards Nurse's Salary Endowed Bed Nurse's Extras Easter Ice Cream. Printing Clothing.	\$1,500.00 350.00 180.00 7.20 810.00 157.84 \$3,005.04
	\$5,481.36	Bank Balance December 31, 1943	2,476.32 \$5,481.36

MELINDA G. REMSEN,

Treasurer.

## REPORT OF THE JUNIOR GUILD FROM JANUARY 1, 1944 to December 31, 1944

RECEIPTS		EXPENDITURES	
Balance January 1, 1944	\$2,476.32	Towards Nurse's Salary	\$1,800.00
Dues and Donations	3,994.71	Endowed Bed	350.00
		Nurse's Extras	180.00
		Clothing	85.40
		Printing	815.00
			\$3,370.40
		Bank Balance December 31,	
		1944	3,100.63
	CC 451 00		26
	\$6,471.03		\$6,471.03

Melinda G. Remsen,

Treasurer.

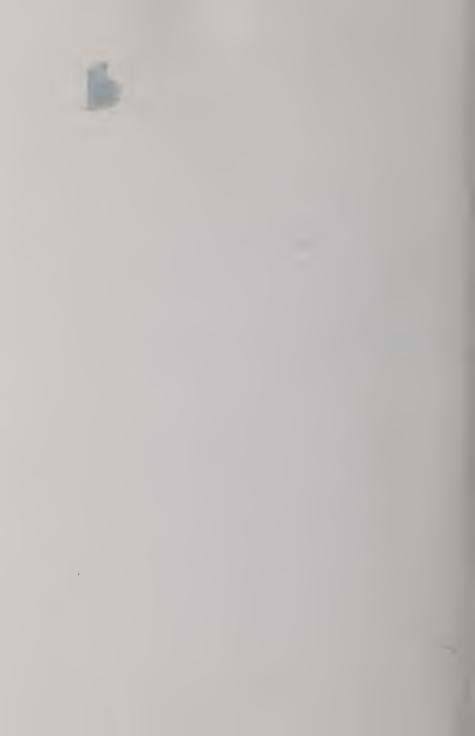
The sum of \$7,500 endows a bed in perpetuity, and the sum of \$350 endows a bed for one year.

### FORM OF CERTIFICATE OF THE DONOR OF AN ENDOWED BED IN PERPETUITY

#### NEW YORK ORTHOPAEDIC DISPENSARY AND HOSPITAL

This is to Certify that the New York Orthopaedic Dispensary and Hospital prough its Trustees has received from
erein designated as the donor, a fund of Seven Thousand Five Hundred Dollars,
r the purpose of founding and maintaining in accordance with its corporate owers an endowed bed in its Hospital in perpetual memory of
The donor shall have the privilege of nominating the occupant of said bed,
it such nomination and the use of said bed shall be subject to all such rules and regulations governing endowed beds, and providing for the treatment, recepton and discharge of patients as now exists or which may hereafter be enacted
v the Board of Trustees of said Dispensary and Hospital.
Witness this corporate seal of the New York Orthopaedic Dispensary and
Tospital, and the signatures of two of its officers, this day of
Secretary. President.

#### FORM OF BEQUEST













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